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The Optical Gravitational Lensing Experiment. Cepheids in the Magellanic Clouds. IV. Catalog of Cepheids from the Large Magellanic Cloud*

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ABSTRACT

We present the Catalog of Cepheids from the LMC. The Catalog contains 1333 objects detected in the 4.5 square degree area of central parts of the LMC. About $3.4 \cdot 10^5$ *BVI* measurements of these stars were collected during the OGLE-II microlensing survey. The Catalog data include period, *BVI* photometry, astrometry, and R_{21},ϕ_{21} parameters of the Fourier decomposition of *I*-band light curve.

The vast majority of objects from the Catalog are the classical Cepheids pulsating in the fundamental or first overtone mode. The remaining objects include Population II Cepheids and red giants with pulsation-like light curves.

Tests of completeness performed in overlapping parts of adjacent fields indicate that completeness of the Catalog is very high: $> 96\%$. Statistics and distributions of basic parameters of Cepheids are also presented.

Finally, we show the light curves of three eclipsing systems containing Cepheid detected among objects of the Catalog.

All presented data, including individual *BVI* observations are available from the OGLE Internet archive.

1 Introduction

Cepheids were among the first variable stars discovered by astronomers – the prototype of the class, δ Cep, and η Aql were found to be varying in brightness by J. Goodricke and E. Pigott, respectively, in 1784. The great career of these objects begun at the beginning of 20th century when their

*Based on observations obtained with the 1.3 m Warsaw telescope at the Las Campanas Observatory of the Carnegie Institution of Washington.

famous Period–Luminosity relation was discovered in the Small Magellanic Cloud by Leavitt (1912). Cepheids became one of the most important standard candles used for distance determination in the Universe, although the calibration of the Period–Luminosity relation is still a topic of lively debate. Proper calibration is of great importance because Cepheids are now routinely discovered in galaxies to about 25 Mpc with the HST instruments. Thus, the Cepheid based distance scale is one of the most important steps in the distance scale ladder.

Cepheids are relatively well understood pulsating stars. Their role in the modern astrophysics is hard to be overestimated. Beside the Period–Luminosity relation these objects are the ideal laboratory for testing the stellar structure, theory of stellar evolution etc. Therefore it is crucial to have at hand a large sample of these stars with good quality observational data so the theoretical work could be verified.

Although many Cepheids were discovered in the Galaxy their observational data are very inhomogeneous, taken by different observers with different instruments. Two nearby galaxies – the Magellanic Clouds – are potentially much better hosts of these objects. Both Large and Small Magellanic Clouds are known to contain many Cepheids. Additional advantage of Cepheids from these galaxies is that they are located at approximately the same distance what makes analyses of their properties much simpler.

Unfortunately both Magellanic Clouds have been neglected photometrically for years – the vast majority of known Cepheids in the Magellanic Clouds were observed with old photographic or photoelectric techniques giving an order of magnitude worse quality than the modern CCD-based techniques. Situation has significantly changed in 1990s when large microlensing surveys begun regular monitoring of the Magellanic Clouds for microlensing events. Photometry of millions stars in both Magellanic Clouds is a natural by-product of these surveys and for the first time good quality light curves of the Magellanic Cloud Cepheids could be obtained. Both MACHO and EROS microlensing surveys reported discovery of many Cepheids and presented observations of these stars in the LMC and/or SMC (Alcock *et al.* 1995, Alcock *et al.* 1999, Sasselov *et al.* 1997, Bauer *et al.* 1999). Unfortunately, all these data were taken with non-standard photometric bands.

The Magellanic Clouds were added to the list of objects observed by the Optical Gravitational Lensing Experiment (OGLE) at the beginning of the second phase of the survey in January 1997. Since then both Magellanic Clouds are monitored regularly, practically on every clear night. Observations are made through the BVI filters very closely reproducing the standard

BVI system. After more than two years of observations the photometric databases are complete enough so the search for variable stars could be performed. Large samples of Cepheids were extracted from databases of both Magellanic Cloud fields.

In the previous papers of this series we presented analysis of double-mode Cepheids in the SMC (Udalski *et al.* 1999a), discovery of 13 Cepheids in the SMC – candidates for objects pulsating in the second overtone mode (Udalski *et al.* 1999b) and analysis of the Period–Luminosity and Period–Luminosity–Color relations of huge samples of Cepheids from the LMC and SMC (Udalski *et al.* 1999c). In this paper we present first of two Catalogs of Cepheids from the Magellanic Clouds – the Catalog of Cepheids from the LMC. Similar Catalog of about 2300 Cepheids from the SMC will follow.

The Catalog of Cepheids from the LMC contains 1333 objects. They come from the 4.5 square degree area of central parts of the LMC. The vast majority of them are the classical Cepheids. Other stars include a sample of Population II Cepheids and a sample of red giant objects which variability resembles pulsation-like light curves. We do not include additional sample of about 70 double-mode Cepheids detected in the LMC – these objects will be described in a separate paper similar to double-mode Cepheids from the SMC (Udalski *et al.* 1999a).

We also present statistics and distributions of basic parameters of the LMC Cepheids like location in the LMC, periods, colors and parameters of the Fourier decomposition of light curve. Finally, we point attention to three Cepheids in the eclipsing systems which could potentially provide precise data on sizes and masses of their components.

The large and homogeneous sample of Cepheids presented in this paper with high quality photometry and high completeness can be used for many projects concerning these stars. Therefore we decided to make the data public – all data presented in this paper, including individual *BVI*-band observations and finding charts are available from the OGLE Internet archive.

2 Observations

All observations presented in this paper were carried out during the second phase of the OGLE experiment with the 1.3-m Warsaw telescope at the Las Campanas Observatory, Chile, which is operated by the Carnegie Institution of Washington. The telescope was equipped with the "first generation"

camera with a SITe 2048×2048 CCD detector working in drift-scan mode. The pixel size was 24 μm giving the 0.417 arcsec/pixel scale. Observations of the LMC were performed in the "slow" reading mode of CCD detector with the gain 3.8 e^-/ADU and readout noise of about 5.4 e^-. Details of the instrumentation setup can be found in Udalski, Kubiak and Szymański (1997).

T a b l e 1

Equatorial coordinates of the OGLE-II LMC fields

Field	RA (J2000)	DEC (J2000)
LMC_SC1	$5^h33^m49^s$	$-70°06'10''$
LMC_SC2	$5^h31^m17^s$	$-69°51'55''$
LMC_SC3	$5^h28^m48^s$	$-69°48'05''$
LMC_SC4	$5^h26^m18^s$	$-69°48'05''$
LMC_SC5	$5^h23^m48^s$	$-69°41'05''$
LMC_SC6	$5^h21^m18^s$	$-69°37'10''$
LMC_SC7	$5^h18^m48^s$	$-69°24'10''$
LMC_SC8	$5^h16^m18^s$	$-69°19'15''$
LMC_SC9	$5^h13^m48^s$	$-69°14'05''$
LMC_SC10	$5^h11^m16^s$	$-69°09'15''$
LMC_SC11	$5^h08^m41^s$	$-69°10'05''$
LMC_SC12	$5^h06^m16^s$	$-69°38'20''$
LMC_SC13	$5^h06^m14^s$	$-68°43'30''$
LMC_SC14	$5^h03^m49^s$	$-69°04'45''$
LMC_SC15	$5^h01^m17^s$	$-69°04'45''$
LMC_SC16	$5^h36^m18^s$	$-70°09'40''$
LMC_SC17	$5^h38^m48^s$	$-70°16'45''$
LMC_SC18	$5^h41^m18^s$	$-70°24'50''$
LMC_SC19	$5^h43^m48^s$	$-70°34'45''$
LMC_SC20	$5^h46^m18^s$	$-70°44'50''$
LMC_SC21	$5^h21^m14^s$	$-70°33'20''$

Observations of the LMC started on January 6, 1997. 11 driftscan fields covering 14.2×57 arcmins in the sky were observed during the first months of 1997. Additional 10 fields were added in October 1997 increasing the total observed area of the LMC to about 4.5 square degree. Because the microlensing search is planned to last for several years, observations of selected fields will be continued during the following seasons. In this paper we

present data collected up to June 1999.

Observations were obtained in the standard BVI-bands with majority of measurements made in the I-band. The effective exposure time was 125, 174 and 237 seconds for the I, V and B-band, respectively. The instrumental system closely resembles the standard BVI one – the color coefficients of transformation ($a \cdot CI$; a – color coefficient, CI – color index: $B-V$ for B and $V-I$ for VI filters) are equal to -0.041, $+0.004$ and $+0.032$ for the B, V and I-band, respectively.

Due to microlensing search observing strategy the vast majority of observations were done through the I-band filter (about $120-360$ epochs depending on the field) while images on about $15-40$ epochs were collected in the BV-bands. The B-band photometry is at the writing of this paper less complete than VI photometry – reductions of only 40% of fields were finished. For the remaining fields only VI photometry was available. B-band photometry of these fields will be completed after the next observing season.

Collected images were reduced with the standard OGLE data pipeline. Quality of data is similar to the photometric data of the SMC described in Udalski *et al.* (1998b). In particular, accuracy of absolute photometry zero points is about $0.01-0.02$ in all BVI-bands. More details on the LMC photometric data will be presented with release of the photometric maps of the LMC in the near future.

Table 1 lists equatorial coordinates of center of each field and its acronym. Fig. 1 shows the Digitized Sky Survey image of the LMC with contours of the observed fields.

3 Selection of Cepheids

The search for variable objects in the LMC fields was performed using observations in the I-band in which most observations were obtained. Typically about 120–360 epochs were available for each analyzed object with the lower limit set to 50. The mean I-band magnitude of analyzed objects was limited to $I<19.5$ mag. Candidates for variable stars were selected based on comparison of the standard deviation of all individual measurements of a star with typical standard deviation for stars of similar brightness. Light curves of selected candidates were then searched for periodicity using the AoV algorithm (Schwarzenberg-Czerny 1989). The period search was limited to the range of 0.1–100 days. Accuracy of periods is about $7 \cdot 10^{-5} \cdot P$.

Candidates for Cepheids were selected from the entire sample of vari-

Fig. 1. OGLE-II fields in the LMC. Dots indicate positions of Cepheids from the Catalog. North is up and East to the left in the Digitized Sky Survey image of the LMC.

able stars based on visual inspection of the light curves and location in the color-magnitude diagram (CMD) within the area limited by $I<18.5$ mag and $0.25<(V-I)<1.3$ mag. Several objects located outside this region (*e.g.*, highly reddened Cepheids) and objects with no color information but with evident Cepheid-type light curves were also included to this sample. In total more than 1500 Cepheid candidates were found in the 4.5 square degree area of the LMC center.

Each of the analyzed LMC fields overlaps with neighboring fields for calibration purposes. Therefore several dozen Cepheids located in the overlapping regions were detected twice. We decided not to remove them from the final list of objects because their measurements are independent in both fields and can be used for testing quality of data, completeness of the sample etc. 105 such objects were detected and we provide cross-reference list to identify them.

4 Basic Parameters of Candidates

4.1 Intensity Mean Photometry

For each object which passed our selection criteria we derived the BVI intensity mean photometry by integrating the light curve converted to intensity units. It was approximated by the Fourier series of fifth order. Result was converted back to the magnitude scale. Accuracy of the mean I-band photometry is about $0.001 - 0.005$ mag and somewhat worse (about 0.01 mag) for poorer sampled BV-bands.

Full BVI photometry is available only for eight fields: LMC_SC1–LMC_SC8. For the remaining fields the B-band databases are not complete enough for precise determination of the mean brightness. Photometry of these fields will be completed after the next observing season of the LMC.

For each object we also determined the extinction insensitive index W_I (called also Wesenheit index, Madore and Freedman 1991):

$$W_I = I - 1.55 * (V - I) \tag{1}$$

The coefficient 1.55 in Eq. 1 corresponds to the coefficient resulting from standard interstellar extinction curve dependence of the I-band extinction on $E(V-I)$ reddening (*e.g.*, Schlegel, Finkbeiner and Davis 1998). It is easy to show that the values of W_I are the same when derived from observed or extinction free magnitudes, provided that extinction to the object is not too high so it can be approximated with a linear function of color.

4.2 Interstellar Reddening

Determination of the interstellar reddening to the LMC Cepheids has an important role in analyses of these objects, distance determination etc. It is well known that the reddening in the LMC is clumpy and variable (Harris, Zaritsky and Thompson 1998), therefore applying the mean reddening value to all objects is generally not justified.

With large photometric databases of millions stars we are in position to determine the average reddening in many lines-of-sight within the LMC. Unfortunately, we do not have U-band photometry which would allow to derive the reddening from young, hot OB stars. Therefore we used for this purpose much older but much more numerous red clump stars. It should be noted, however, that Cepheid population can be distributed in the LMC somewhat differently than red clump stars and OB-stars determination could

be more appropriate for Cepheids. On the other hand the differences should not be large for the LMC seen almost face-on.

We used red clump stars for mapping the fluctuations of mean reddening in our observed fields treating their mean *I*-band magnitude as the reference brightness. It was shown to be independent on age of these stars in the wide range of $2-10$ Gyr, and it is only slightly dependent on metallicity (Udalski 1998a,b). The latter correction is not important in this case because of practically homogeneous environment of field stars in the LMC (Bica *et al.* 1998). Thus, the mean brightness of red clump stars can be a very good reference of brightness for monitoring extinction. Similar method was used by Stanek (1996) for determination of extinction map of Baade's Window in the Galactic bulge.

The reddening in the LMC was determined in 84 lines-of-sight. We divided each of our 21 2048×8192 pixel fields to four 2048×2048 pixel subfields (subfield 1: $0<y<2048$, etc.). In each of the subfields we determined the mean observed *I*-band magnitude of red clump stars with technique identical to that described in Udalski *et al.* (1998a). Differences of the observed *I*-band magnitudes were assumed as differences of the mean A_I extinction. We converted differences of A_I extinction to differences of $E(B-V)$ reddening assuming the standard extinction curve: $E(B-V)=A_I/1.96$ (Schlegel *et al.* 1998).

The zero points of our reddening map were derived based on previous determinations in three lines-of-sight, two of them using OB-stars. These determinations included determination of reddening around two LMC star clusters: NGC1850 ($E(B-V)=0.15\pm0.05$ mag, based on UBV photometry, Lee 1995) and NGC1835 ($E(B-V)=0.13\pm0.03$ mag, based on colors of RR Lyr stars, Walker 1993) and determination based on OB-stars in the field of the eclipsing variable star HV2274 (Udalski *et al.* 1998c). All these zero points were consistent with our map to within a few thousands of magnitude.

We also checked the absolute calibration of our map comparing the observed *I*-band magnitude of red clump stars with extinction free magnitude determined from a few star clusters in the halo of the LMC (Udalski 1998b). We additionally checked the value of extinction free magnitude of red clump stars in the LMC by its new determination from the field stars around the same clusters. Resulting value was consistent to within 0.01 mag with star cluster red clump determination. The calibration *via* extinction free magnitude of red clump stars gave somewhat larger zero point of the $E(B-V)$ reddening – by about 0.02 mag which we adopt as the error of our map. The final $E(B-V)$ reddening in 84 lines-of-sight in the LMC is listed in Table 2.

T a b l e 2

$E(B-V)$ reddening in the LMC fields.

Field	Subfield 1 $E(B-V)$	Subfield 2 $E(B-V)$	Subfield 3 $E(B-V)$	Subfield 4 $E(B-V)$
LMC_SC1	0.117	0.152	0.147	0.163
LMC_SC2	0.121	0.121	0.150	0.131
LMC_SC3	0.134	0.120	0.123	0.117
LMC_SC4	0.130	0.120	0.105	0.118
LMC_SC5	0.130	0.115	0.108	0.133
LMC_SC6	0.138	0.125	0.107	0.123
LMC_SC7	0.143	0.138	0.142	0.146
LMC_SC8	0.131	0.133	0.136	0.142
LMC_SC9	0.143	0.165	0.156	0.149
LMC_SC10	0.156	0.147	0.146	0.132
LMC_SC11	0.147	0.154	0.150	0.152
LMC_SC12	0.152	0.146	0.127	0.139
LMC_SC13	0.154	0.129	0.135	0.130
LMC_SC14	0.124	0.142	0.138	0.127
LMC_SC15	0.145	0.125	0.147	0.126
LMC_SC16	0.135	0.148	0.185	0.181
LMC_SC17	0.171	0.193	0.175	0.201
LMC_SC18	0.182	0.178	0.173	0.170
LMC_SC19	0.153	0.153	0.187	0.167
LMC_SC20	0.132	0.137	0.142	0.163
LMC_SC21	0.133	0.152	0.145	0.146

Interstellar extinction in the BVI bands was calculated using the standard extinction curve coefficients (*e.g.*, Schlegel *et al.* 1998):

$$A_B = 4.32 \cdot E(B-V)$$
$$A_V = 3.24 \cdot E(B-V)$$
$$A_I = 1.96 \cdot E(B-V)$$

4.3 Astrometry

Equatorial coordinates of all candidates were calculated based on transformation derived with the Digitized Sky Survey images. Details of procedure are described in Udalski *et al.* (1998b). About $2800-7400$ stars common in

OGLE and DSS images (depending on stellar density of the field) were used for transformation. Internal accuracy of the equatorial coordinates is about 0.15 arcsec with possible systematic errors of the DSS coordinate system up to 0.7 arcsec.

4.4 Fourier Parameters of Light Curve Decomposition

For each object we derived Fourier parameters $R_{21}=A_2/A_1$ and $\phi_{21}=\phi_2-2\phi_1$ of the Fourier series decomposition of *I*-band light curve. A_i and ϕ_i are the amplitudes and phases of $(i-1)$ harmonic of the Fourier decomposition of light curve. Parameters R_{21} and ϕ_{21} are often used for analyses of pulsating variable stars and for discrimination between objects pulsating in different modes.

We fitted the fifth order Fourier series to the magnitude scale *I*-band light curve. In the case of objects with almost sinusoidal light curve for which the first harmonic amplitude and phase were not statistically significant, $R_{21}=0$ and ϕ_{21} is not defined.

4.5 Classification

Based on the Period-Luminosity $(P-L)$ diagram constructed for the extinction insensitive index W_I we divided all objects into four groups: classical Cepheids pulsating in the fundamental mode (FU), classical Cepheids pulsating in the first overtone mode (FO), objects brighter than FO mode Cepheids (BR) and objects fainter than FU mode Cepheids (FA). Fig. 2 presents $P-L$ diagram for the W_I index with boundaries of these four regions.

Due to very good accuracy of photometry and features of the W_I index, which removes simultaneously effects of extinction and color dependence of the Cepheid $P-L$ relation, the separation between the FU and FO Cepheids is remarkable. Nevertheless, we also checked location of all selected FU and FO Cepheids in the R_{21} and ϕ_{21} *vs.* $\log P$ diagrams. It is well known that such diagrams allow to separate between the FU and FO mode pulsators (*cf.* Alcock *et al.* 1999, Udalski *et al.* 1999a). Sequences for FU and FO Cepheids in both diagrams, in particular R_{21} *vs.* $\log P$, are well separated and in most cases classification is straightforward. However, in a few period ranges the sequences almost overlap (for $0.6<\log P<0.8$ in the R_{21} *vs.* $\log P$ diagram and $0.2<\log P<0.4$ and $\log P\approx 0.75$ in the ϕ_{21} *vs.* $\log P$ diagram). Therefore we checked light curves of all objects located in these regions

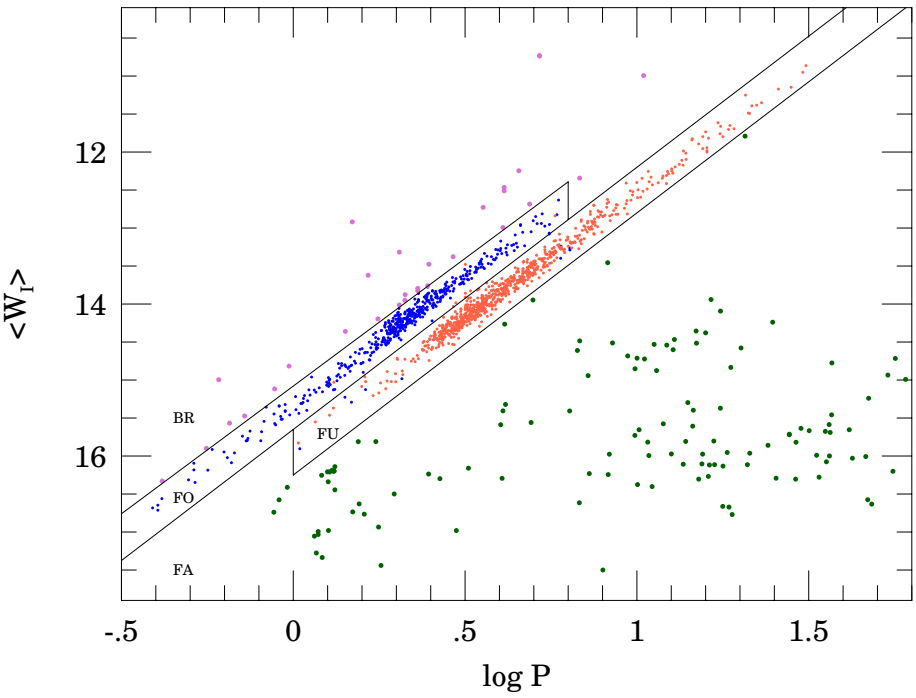

Fig. 2. Period-Luminosity relation for extinction insensitive index W_I. Contours divide the diagram into sections where fundamental (FU) and first overtone mode (FO) classical Cepheids are found. Section denoted by BR indicates region where objects were classified as brighter than FO Cepheids and by FA – as fainter than FU Cepheids. Small dots mark positions of objects finally classified as FU and FO classical Cepheids (light and dark dots, respectively). Larger dots – BR (light dots) and FA (dark dots) objects.

to confirm classification indicated by position in the $P-L$ diagram. Also all objects located in opposite mode sequences than indicated from $P-L$ position were inspected. In about 20 cases the classification was changed. In eight cases those were FU objects blended with other stars and therefore shifted to FO Cepheids in the $P-L$ diagram. In eleven cases – FO mode stars shifted to FU objects in the P–L diagram of the W_I index because of high reddening, blends with blue stars etc. Fig. 3 presents the final R_{21} *vs.* $\log P$ and ϕ_{21} *vs.* $\log P$ diagrams for all objects classified as FU and FO mode classical Cepheids.

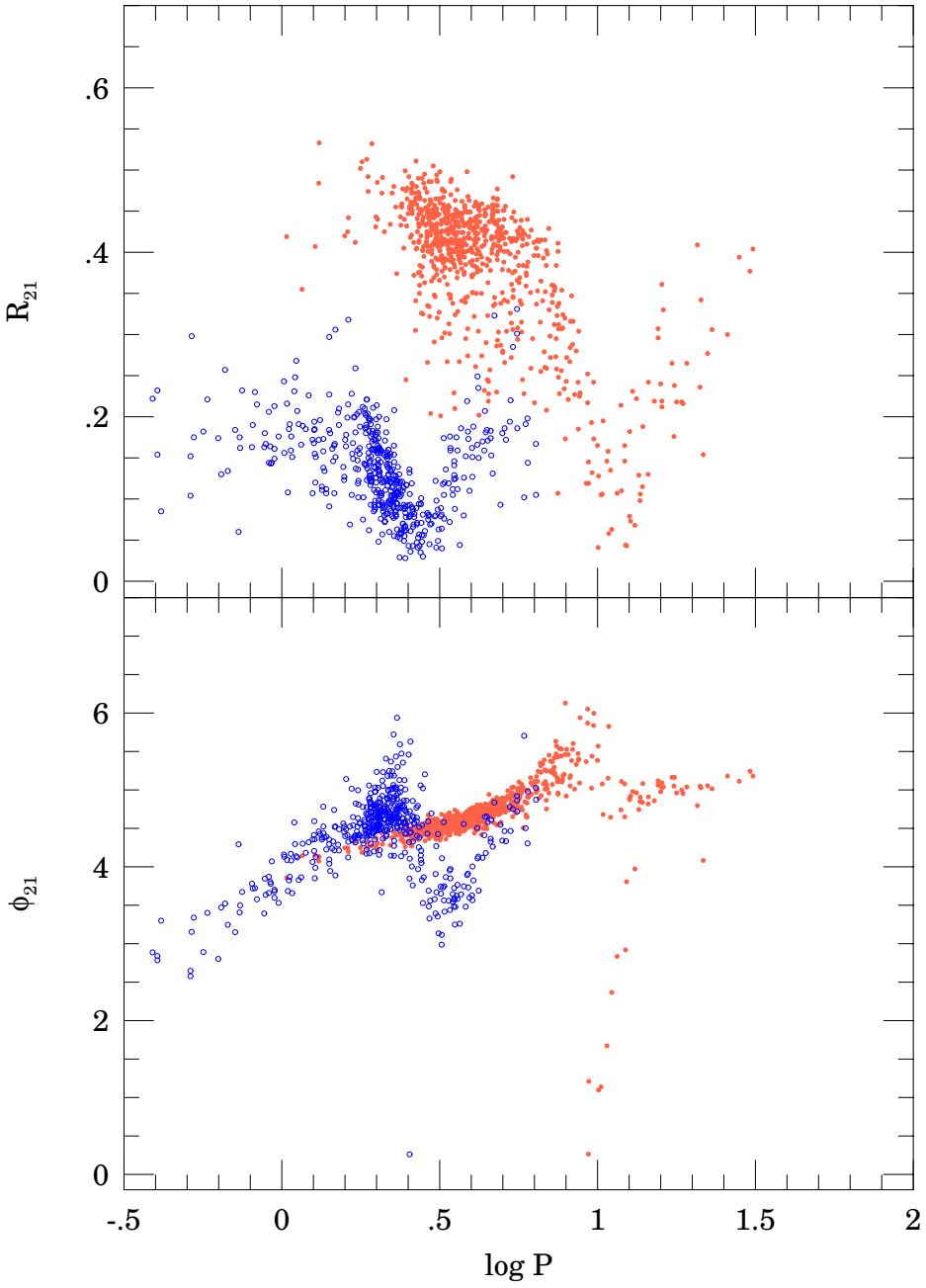

Fig. 3. R_{21} and ϕ_{21} *vs.* $\log P$ diagrams for single-mode classical Cepheids from the LMC. Dark open circles indicate positions of first overtone Cepheids while light dots positions of fundamental mode pulsators.

5 Catalog of Cepheids from the LMC

1402 objects passed our selection criteria described in Section 3. Among candidates for Cepheids in the LMC a subsample of double-mode classical Cepheids containing about 70 objects was extracted. These objects will be presented in a separate paper of this series. The remaining Cepheid candidates are listed in Table 3.

The first column of Table 3 is the star identification: *field_name star_number*. In the next columns the equatorial coordinates, RA and DEC (J2000), period in days and moment of the zero phase corresponding to maximum light are given. Then follow intensity mean IVB photometry supplemented by extinction insensitive index W_I and the mean interstellar reddening in object direction. In the next two columns Fourier parameters, R_{21} and ϕ_{21}, of the light curve decomposition are listed. Finally, in the last column classification of the object is provided.

Table 3 contains 1435 entries but only 1333 objects: 102 stars were detected twice – in overlapping parts of adjacent fields. Table 4 provides cross-identification of all such objects including for completeness three double-mode Cepheids not presented in this paper and not listed in Table 3.

The I-band light curves of all objects are presented in Appendices A–U. The ordinate is phase with 0.0 value corresponding to maximum light. Abscissa is the I-band magnitude. The light curve is repeated twice for clarity.

Finding charts ($60'' \times 60''$ part of the I-band image) are not presented in this paper but they are available in electronic form from the OGLE Internet archive (see below).

We did not attempt to cross-identify our objects with the ones known from literature. It would be a very difficult and time consuming task in so dense stellar fields without precise coordinates and finding charts. Because of very high completeness of the Catalog (see Section 6) – practically all Cepheids in the observed region of the LMC have been detected – and precise BVI photometry the OGLE catalog is likely to supersede much of the previous works. However, if necessary, cross-identification with selected objects can be done with precise coordinates and finding charts provided with the Catalog.

One should remember about the limit of the Catalog on the brighter, *i.e.*, longer period object side because of saturation of the CCD detector used. This limit corresponds to objects with period longer than $\log P \approx 1.5$, *i.e.*, longer than about 30 days.

T a b l e 4

Cross-identification of stars detected in overlapping regions

LMC_SC1	275300	↔	LMC_SC16	11573		LMC_SC12	210606	↔	LMC_SC11	37982
LMC_SC1	290572	↔	LMC_SC16	26258		LMC_SC13	12	↔	LMC_SC12	51598
LMC_SC1	295698	↔	LMC_SC16	31555		LMC_SC13	203493	↔	LMC_SC12	210640
LMC_SC1	313151	↔	LMC_SC16	48261		LMC_SC14	216182	↔	LMC_SC12	47109
LMC_SC1	324986	↔	LMC_SC16	57446		LMC_SC14	252799	↔	LMC_SC13	35171
LMC_SC2	334104	↔	LMC_SC1	31577		LMC_SC15	181509	↔	LMC_SC14	11554
LMC_SC2	334077	↔	LMC_SC1	31612		LMC_SC16	211276	↔	LMC_SC17	11199
LMC_SC2	349919	↔	LMC_SC1	44657		LMC_SC16	214736	↔	LMC_SC17	15426
LMC_SC2	357856	↔	LMC_SC1	51886		LMC_SC16	218499	↔	LMC_SC17	19793
LMC_SC2	365487	↔	LMC_SC1	59277		LMC_SC16	222451	↔	LMC_SC17	24561
LMC_SC3	368185	↔	LMC_SC2	39166		LMC_SC16	222497	↔	LMC_SC17	24574
LMC_SC3	376576	↔	LMC_SC2	47348		LMC_SC16	222476	↔	LMC_SC17	24585
LMC_SC3	384972	↔	LMC_SC2	55470		LMC_SC16	230207	↔	LMC_SC17	33268
LMC_SC3	393065	↔	LMC_SC2	63342		LMC_SC16	230281	↔	LMC_SC17	33286
LMC_SC3	408692	↔	LMC_SC2	78855		LMC_SC16	230222	↔	LMC_SC17	33289
LMC_SC4	369748	↔	LMC_SC3	5709		LMC_SC16	230285	↔	LMC_SC17	33290
LMC_SC4	369698	↔	LMC_SC3	5715		LMC_SC16	230224	↔	LMC_SC17	33292
LMC_SC4	399359	↔	LMC_SC3	35233		LMC_SC16	230228	↔	LMC_SC17	33299
LMC_SC4	399429	↔	LMC_SC3	35297		LMC_SC16	230273	↔	LMC_SC17	33351
LMC_SC4	408738	↔	LMC_SC3	44256		LMC_SC16	230290	↔	LMC_SC17	33368
LMC_SC4	417847	↔	LMC_SC3	53226		LMC_SC16	240480	↔	LMC_SC17	45198
LMC_SC4	417864	↔	LMC_SC3	53242		LMC_SC16	240497	↔	LMC_SC17	45207
LMC_SC4	418294	↔	LMC_SC3	53702		LMC_SC16	240460	↔	LMC_SC17	45218
LMC_SC5	343036	↔	LMC_SC4	13514		LMC_SC16	245458	↔	LMC_SC17	50018
LMC_SC5	424993	↔	LMC_SC4	98151		LMC_SC16	245478	↔	LMC_SC17	50024
LMC_SC6	356421	↔	LMC_SC21	193117		LMC_SC16	253780	↔	LMC_SC17	59761
LMC_SC6	356421	↔	LMC_SC5	6197		LMC_SC16	253794	↔	LMC_SC17	59808
LMC_SC6	369970	↔	LMC_SC5	19786		LMC_SC17	189196	↔	LMC_SC18	6114
LMC_SC6	369993	↔	LMC_SC5	19806		LMC_SC17	197292	↔	LMC_SC18	17714
LMC_SC6	377026	↔	LMC_SC5	26913		LMC_SC17	200401	↔	LMC_SC18	17724
LMC_SC6	404601	↔	LMC_SC5	58244		LMC_SC17	200430	↔	LMC_SC18	20948
LMC_SC6	405017	↔	LMC_SC5	67261		LMC_SC17	203767	↔	LMC_SC18	25000
LMC_SC6	422324	↔	LMC_SC5	75989		LMC_SC17	207480	↔	LMC_SC18	25015
LMC_SC7	356873	↔	LMC_SC6	27321		LMC_SC17	207506	↔	LMC_SC18	25041
LMC_SC7	372083	↔	LMC_SC6	40971		LMC_SC17	211310	↔	LMC_SC18	29237
LMC_SC7	380269	↔	LMC_SC6	49297		LMC_SC17	214843	↔	LMC_SC18	33576
LMC_SC7	415723	↔	LMC_SC6	85035		LMC_SC17	214859	↔	LMC_SC18	33591
LMC_SC7	425296	↔	LMC_SC6	86027		LMC_SC17	214860	↔	LMC_SC18	33594
LMC_SC7	432869	↔	LMC_SC6	102424		LMC_SC17	224169	↔	LMC_SC18	45433
LMC_SC7	440072	↔	LMC_SC6	102475		LMC_SC18	174802	↔	LMC_SC19	18878
LMC_SC7	447509	↔	LMC_SC6	118107		LMC_SC18	188926	↔	LMC_SC19	38257
LMC_SC8	312191	↔	LMC_SC7	55965		LMC_SC18	195674	↔	LMC_SC19	44947
LMC_SC8	326025	↔	LMC_SC7	79610		LMC_SC18	199069	↔	LMC_SC19	48659
LMC_SC8	337497	↔	LMC_SC7	86332		LMC_SC18	202349	↔	LMC_SC19	48662
LMC_SC8	337546	↔	LMC_SC7	93939		LMC_SC19	157749	↔	LMC_SC20	21111
LMC_SC9	286128	↔	LMC_SC8	10158		LMC_SC19	163667	↔	LMC_SC20	28803
LMC_SC9	342082	↔	LMC_SC8	52668		LMC_SC19	175567	↔	LMC_SC20	43620
LMC_SC9	349881	↔	LMC_SC8	64709		LMC_SC19	178247	↔	LMC_SC20	47209
LMC_SC9	372259	↔	LMC_SC8	76176		LMC_SC21	187856	↔	LMC_SC5	16
LMC_SC9	372261	↔	LMC_SC8	76179		LMC_SC21	187797	↔	LMC_SC5	19
LMC_SC10	250322	↔	LMC_SC9	45301		LMC_SC21	187853	↔	LMC_SC5	63
LMC_SC10	256258	↔	LMC_SC9	52800		LMC_SC21	193117	↔	LMC_SC5	6197
LMC_SC11	306294	↔	LMC_SC10	35605						

6 Completeness of the Catalog

Cepheids belong to brighter objects among stars in the OGLE photometric databases. With large amplitude of light variations they are relatively easy to detect. Therefore, one can expect that completeness of our Catalog is high.

Completeness of the Catalog can be estimated based on comparison of number of objects detected in the overlapping regions between the neighboring fields. 23 such regions exist between our fields (Fig. 1) allowing to perform 46 tests of pairing objects from a given and adjacent fields. We analyzed full sample of our candidates including detected double-mode Cepheids to increase statistic. In total 217 objects from our full list (Table 3 plus double-mode Cepheid sample) should be paired with counterparts in the overlapping field. We found counterparts in 210 cases which yields the completeness of our sample equal to 96.8%. Thus, our tests indicate that the completeness of our Catalog is indeed very high – practically all Cepheids from the observed fields have been detected.

The completeness is very likely to be even higher. The regions at the field edge are biased in general by smaller number of observations due to imperfections in telescope pointing. Because one of conditions which a star had to fulfill to be searched for variability was 50 observations, this could lead to omission of some objects. Indeed, counterparts of four from our seven unpaired objects had a number of observations smaller than requested and they were not searched for variability at all. We easily detected them as Cepheids when this condition was removed. Two of the remaining objects were missed because of severe blending with other bright stars leading to very noisy light curves. The last unpaired object was a small amplitude, almost sinusoidal shape variable and its counterpart was misclassified as an ellipsoidal variable star.

Comparison of Cepheids from overlapping fields does not take into account completeness of detection of stars by the OGLE data pipeline. It can be derived with artificial star tests. Although such tests have not been performed yet for our LMC fields we can estimate it based on results of tests for the SMC fields with similar stellar density (Udalski *et al.* 1998b). For objects as bright as Cepheids it was found to be larger than 99%. Thus, we may conclude that the total completeness of our Catalog is $>96\%$.

7 Discussion

The OGLE Catalog of Cepheids in the LMC provides an unique, statistically complete sample of these stars ideal for analyzing their properties. The distribution of objects in the LMC is shown in Fig. 1. Dots indicate positions of objects within observed fields. One can easily notice that the distribution is not uniform within the galaxy. Large fraction of objects is located in the south-eastern part of the LMC: in the fields LMC_SC16, LMC_SC17 and LMC_SC18. This region must contain many younger stars and therefore Cepheids are more numerous there than in other regions of the LMC. To make comparison more quantitative Table 5 lists for each field number of objects from the Catalog, number of all stellar objects detected in the field and number of stars brighter than $I_0 = 17.5$ mag (approximately the limit of brightness of classical Cepheids in the LMC).

T a b l e 5

Number of Cepheids and stars in the LMC fields.

Field	N_{Cep}	N_{tot}	$N_{I_0<17.5}$
LMC_SC1	51	341528	27886
LMC_SC2	78	420043	31920
LMC_SC3	58	446233	34541
LMC_SC4	91	482991	37766
LMC_SC5	75	457988	37658
LMC_SC6	84	470171	38366
LMC_SC7	87	473469	39794
LMC_SC8	87	364573	35740
LMC_SC9	56	397307	28661
LMC_SC10	39	292812	26460
LMC_SC11	37	355750	24821
LMC_SC12	19	215267	18562
LMC_SC13	50	273347	20734
LMC_SC14	50	264828	21195
LMC_SC15	48	223749	16125
LMC_SC16	145	269429	25061
LMC_SC17	154	239856	19851
LMC_SC18	91	212219	16783
LMC_SC19	43	195590	15181
LMC_SC20	49	209803	14116
LMC_SC21	43	198314	14898

It should be also noted that positions of many Cepheids coincide with

areas of star clusters and it is very likely that many of them are star cluster members. In the next paper of the series we will provide a full list of Cepheids in the LMC clusters.

The Catalog provides ideal data for studying the Period–Luminosity and Period–Luminosity–Color relations of classical Cepheids – one of the most important features of these stars. Detailed analysis of the $P-L$ and $P-L-C$ relations based on these data was presented in a separate paper (Udalski *et al.* 1999c).

Fig. 4 shows the color-magnitude diagram (CMD) of subfield 2 area of the LMC_SC3 field corrected for the mean $E(B-V)=0.120$ reddening in this direction (Table 2). Field stars from this field are plotted by tiny dots. Larger dots indicate positions of classical Cepheids while open circles positions of the remaining stars from our Catalog.

Based on location of stars in the CMD and $P-L$ W_I-index diagram (Fig. 2) we may draw some conclusions on the objects classified as BR and FA *i.e.*, brighter or fainter than FO and FU mode classical Cepheids. Brighter objects (BR) are usually classical Cepheids, unresolved blends with other star what shifts their magnitudes and colors and changes shape of the light curve. We do not find among them any promising candidate for second overtone mode classical Cepheid contrary to the SMC where large sample of such stars was found (Udalski *et al.* 1999b).

Among fainter objects two main classes can be distinguished. First one consists of Population II Cepheids which are about 2 mag fainter than classical Cepheids. They form a clear sequence below the $P-L$ relation of classical FU mode Cepheids (Fig. 2). The second group (about sixty objects) contains stars with period in the range of $0.8<\log P<1.8$ and the mean $W_I \approx 15.9$ mag. These objects are typically the red giant branch stars and they do not form any noticeable $P-L$ relation. Although their light curves resemble those of pulsating stars, it may happen that their real variability is not related to pulsations. A few shortest period stars from the FA group might be longer period RR Lyr stars located in front of the LMC (distance modulus about $1-1.5$ mag smaller than that of the LMC). A few objects located in Fig. 2 close to the boundary of FU mode Cepheids are highly reddened FU Cepheids or Cepheids blended with blue stars.

Fig. 5 presents the distribution of color indices $V-I$ of classical FU and FO mode Cepheids. The mean $(V-I)_0$ color and its dispersion are equal to $(0.604, 0.08)$ and $(0.509, 0.08)$ for the FU and FO mode Cepheids in the LMC, respectively. The distribution can be well approximated with a Gaussian but an excess of red objects is clearly seen for both types of

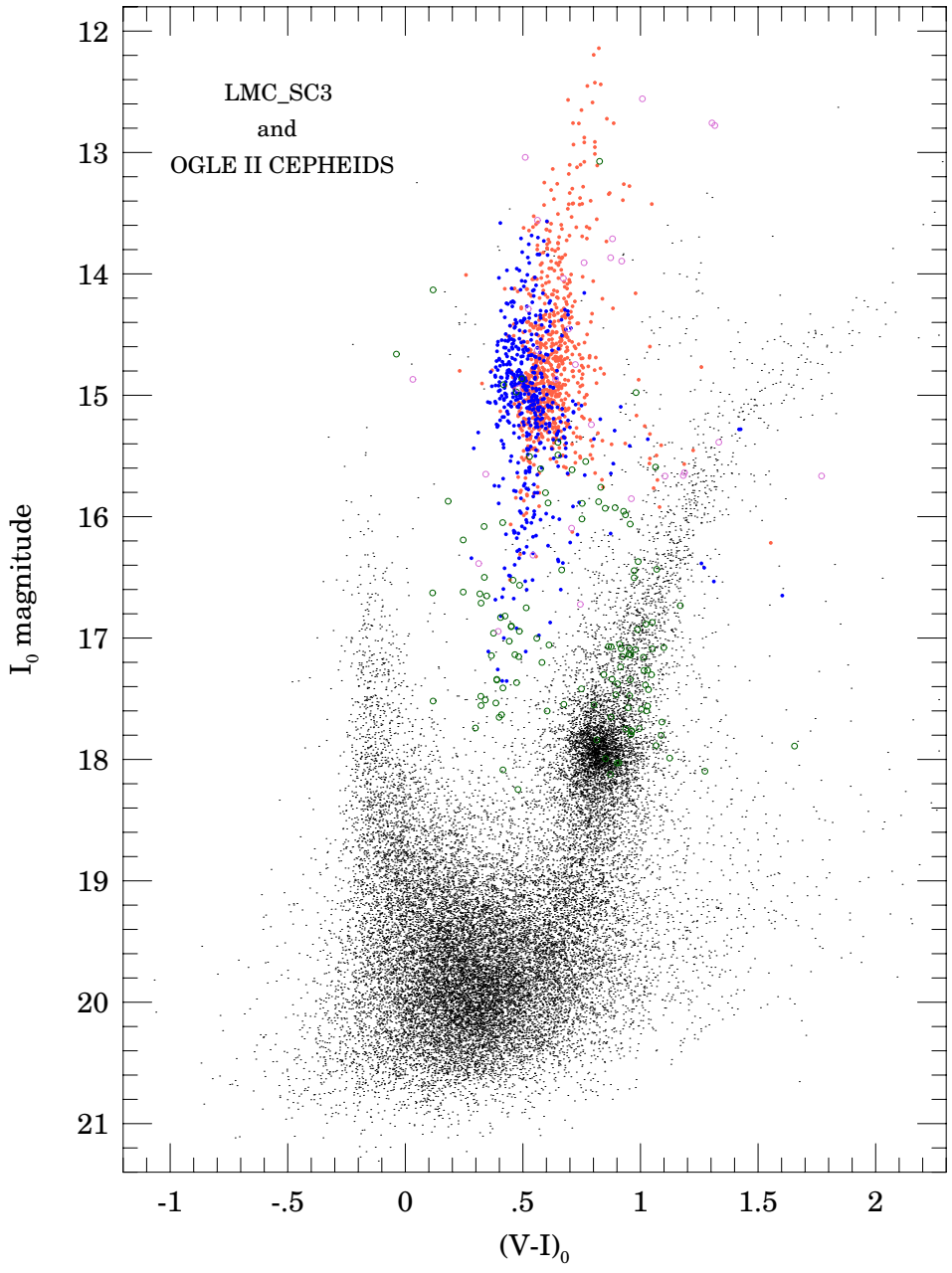

Fig. 4. Color-magnitude diagram of subfield 2 of the LMC_SC3 field. Only about 20% of field stars are plotted by tiny dots. Larger dots show positions of FO and FU classical Cepheids (dark and light dots, respectively). Dark and light open circles mark positions of objects from the Catalog classified as FA and BR, respectively.

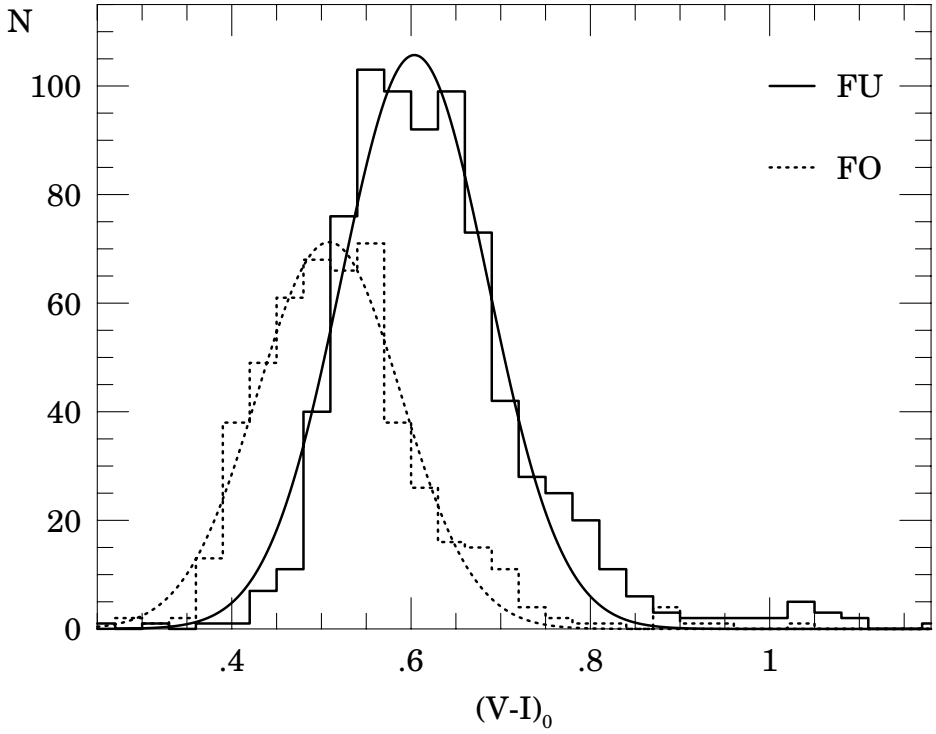

Fig. 5. Histograms of $(V-I)_0$ color distribution of single-mode Cepheids in the LMC. Solid line represents distribution of fundamental mode pulsators, dotted line – first overtone objects. The bins are 0.03 mag wide.

Cepheids. It is partially caused by Cepheids reddened more than the mean correction applied. This effect is also seen in Fig. 4 for field stars – the red clump is slightly elongated in the direction of reddening. Another reason of excess of red objects is bending of the instability strip in the CMD diagram for brighter (redder) objects.

Fig. 6 shows distribution of periods of FU and FO mode classical Cepheids in the LMC. Typical period of the FU mode Cepheid in the LMC is about 3.2 days while for the FO mode objects 2.1 days. The fundamental mode Cepheid period distribution has a long tail toward long period objects and the number of Cepheids with period shorter than 2.3 days falls rapidly to zero. The longest period of the FO mode Cepheids is about 6.4 days while the shortest periods are of about 0.4 day.

Different distribution of periods and different metallicity of Cepheids in the LMC and SMC ([Fe/H] $= -0.3$ dex, and -0.7 dex for the LMC and

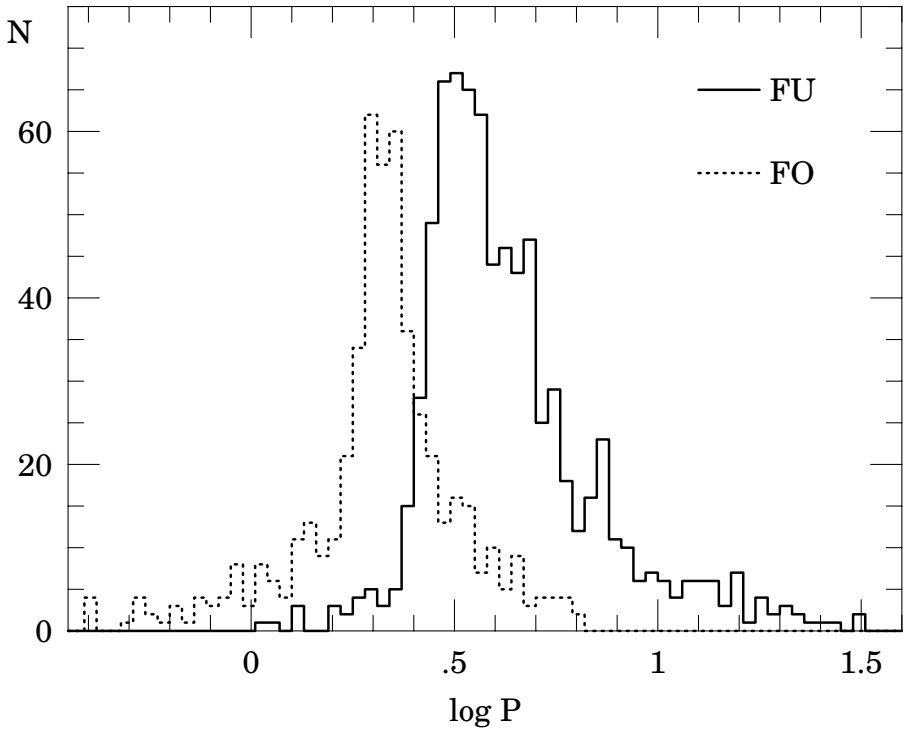

Fig. 6. Histograms of $\log P$ distribution of single-mode Cepheids in the LMC. Solid line represents distribution of fundamental mode pulsators, dotted line – first overtone objects. The bins are 0.03 wide in $\log P$.

SMC, respectively, Luck *et al.* 1998) result in somewhat different diagrams of Fourier parameters of light curve decomposition (*cf.* Fig. 3 and Fig. 2 of Udalski *et al.* 1999a). Detailed analysis of these diagrams may provide information on dependence of the shape of Cepheid light curve on metallicity.

Among many individual objects which show full variety of Cepheid behaviors (*e.g.*, many "bump" Cepheids) three objects require a special attention. They are the binary, eclipsing systems including Cepheid as a component: LMC_SC7 239698, LMC_SC21 40876 and LMC_SC16 119952. The first two of these objects were already found by the MACHO group (Welch *et al.* 1999). Such systems are very important because their precise photometry and spectroscopy can provide accurate information on sizes and masses of the components. LMC_SC7 239698 is a Population II Cepheid while the remaining stars are classical Cepheids. LMC_SC21 40876 is a FU mode pulsator. LMC_SC16 119952 pulsates in the FO mode.

Fig. 7 shows the light curves of these three Cepheids. In the left panel the light curve phased with the Cepheid period is presented. In the right panel the light curve with subtracted Cepheid variability (by approximation of its light curve with Fourier series) is displayed. For LMC_SC7 239698 and LMC_SC21 40876 observations are folded with the eclipsing period. It should be noted that the eclipsing periods are very preliminary because the binary systems containing Cepheids are very wide and only 2–3 eclipses were observed during the entire period of the OGLE observations. They will be refined after the next observing seasons. For LMC_SC16 119952 only one clear eclipse was observed, thus we present its light curve in day units along the ordinate.

We also draw attention to another interesting object – LMC_SC6 330185. Its variations are consistent with a sum of light of two Cepheids either being optical blend or physically related. Both components are the FO mode pulsators with periods 2.48092 and 1.96376 days. This object was already presented by the MACHO group (Alcock *et al.* 1995).

The Catalog of Cepheids from the LMC is available now to the astronomical community from the OGLE Internet archive:

http://www.astrouw.edu.pl/~ftp/ogle
ftp://sirius.astrouw.edu.pl/ogle/ogle2/var_stars/lmc/cep/catalog/

or its US mirror

http://www.astro.princeton.edu/~ogle
ftp://astro.princeton.edu/ogle/ogle2/var_stars/lmc/cep/catalog/

The data include the mean photometry, individual BVI observations of all objects and finding charts. We plan to update the Catalog in the future when more observations are collected. We would also appreciate information on any errors in the Catalog which are unavoidable in so large data set.

Acknowledgements. We would like to thank Prof. Bohdan Paczyński for many discussions and important suggestions. We thank Dr. K. Z. Stanek for valuable comments and remarks on the paper. We are also grateful to Dr. D. Welch for pointing out wrong period of LMC_SC16 119952 eclipsing Cepheid in the original version of the paper. The paper was partly supported by the Polish KBN grants 2P03D00814 to A. Udalski and 2P03D00916 to M. Szymański. Partial support for the OGLE project was provided with the NSF grant AST-9530478 and AST-9820314 to B. Paczyński. We acknowledge usage of The Digitized Sky Survey which was produced at the Space

Telescope Science Institute based on photographic data obtained using The UK Schmidt Telescope, operated by the Royal Observatory Edinburgh.

REFERENCES

Alcock, C. *et al.* 1995, *Astron. J.*, **109**, 1652.
Alcock, C. *et al.* 1999, *Astrophys. J.*, **511**, 185.
Bauer, F. *et al.* 1999, *Astron. Astrophys.*, **348**, 175.
Bica, E., Geisler, D., Dottori, H., Clariá, J.J., Piatti, A.E., and Santos Jr, J.F.C. 1998, *Astron. J.*, **116**, 723.
Harris, J., Zaritsky, D., and Thompson, I. 1997, *Astron. J.*, **114**, 1933.
Leavitt, H.S. 1912, *Harvard Cir.*, 173.
Lee, M.G. 1995, *JKAS*, **28**, 177.
Luck, R.E, Moffett, T.J., Barnes, T.G., and Gieren, W.P. 1998, *Astron. J.*, **115**, 605.
Madore, B.F., and Freedman, W.L. 1991, *P.A.S.P.*, **103**, 933.
Sasselov, D., *et al.* 1997, *Astron. Astrophys.*, **324**, 471.
Schlegel, D.J., Finkbeiner, D.P., and Davis, M. 1998, *Astrophys. J.*, **500**, 525.
Schwarzenberg-Czerny, A. 1989, *MNRAS*, **241**, 153.
Stanek, K.Z. 1996, *Astrophys. J. Letters*, **460**, L37.
Udalski, A., Kubiak, M., and Szymański, M. 1997, *Acta Astron.*, **47**, 319.
Udalski, A. 1998a, *Acta Astron.*, **48**, 113.
Udalski, A. 1998b, *Acta Astron.*, **48**, 383.
Udalski, A., Szymański, M., Kubiak, M., Pietrzyński, G., Woźniak, P., and Żebruń, K. 1998a, *Acta Astron.*, **48**, 1.
Udalski, A., Szymański, M., Kubiak, M.,Pietrzyński, G., Woźniak, P., and Żebruń, K. 1998b, *Acta Astron.*, **48**, 147.
Udalski, A., Pietrzyński, G., Woźniak, P., Szymański, M., Kubiak, M., and Żebruń, K. 1998c, *Astrophys. J. Letters*, **509**, L25.
Udalski, A., Soszyński, I., Szymański, M., Kubiak, M., Pietrzyński, G., Woźniak, P., and Żebruń, K. 1999a, *Acta Astron.*, **49**, 1.
Udalski, A., Soszyński, I., Szymański, M., Kubiak, M., Pietrzyński, G., Woźniak, P., and Żebruń, K. 1999b, *Acta Astron.*, **49**, 45.
Udalski, A., Szymański, M., Kubiak, M., Pietrzyński, G., Soszyński, I., Woźniak, P., and Żebruń, K. 1999c, *Acta Astron.*, **49**, 201.
Walker, A.R. 1993, *Astron. J.*, **105**, 527.
Welch, D.L. *et al.* 1999, in Proceedings of IAU Symposium 190, "New Views of the Magellanic Clouds"; (astro-ph/9901282).

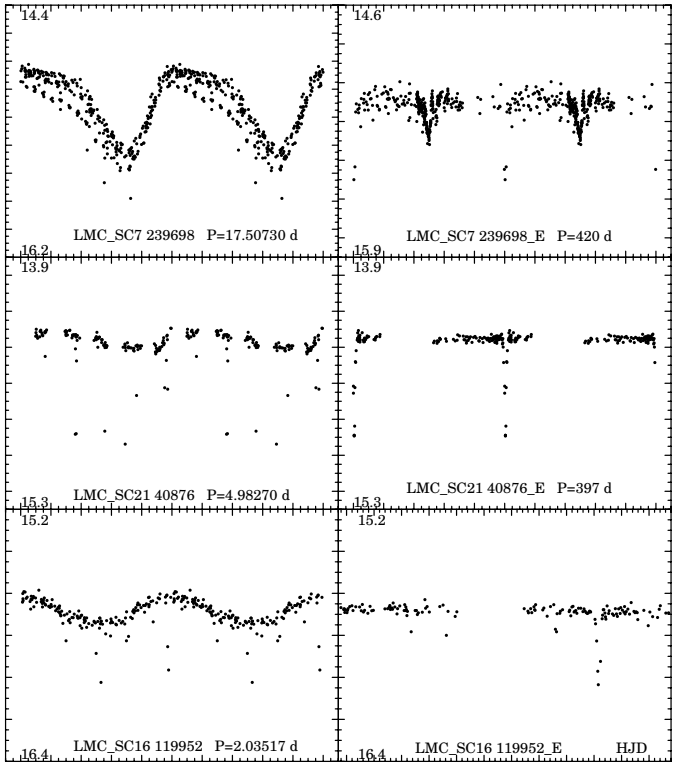

Fig. 7. Light curves of three eclipsing binary systems with Cepheid component. In the left panel observations are folded with the Cepheid period. In the right panel eclipsing light curve is shown after subtracting the brightness of Cepheid component. Abscissa is the I-band magnitude and the ordinate – phase with 0.0 value corresponding to maximum brightness in the left panels and middle of deeper eclipse in two upper right panels. For LMC_SC16 119952 the ordinate of the right panel is in HJD with larger ticks separated by 50 days and the most right large tick equal to HJD = 2451300.

Table 3

Cepheids in the LMC fields

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
LMC_SC1												
14252	$5^h32^m57\overset{s}{.}75$	$-70^\circ22'35\overset{''}{.}7$	1.72829	443.43230	15.481	16.092	16.554	14.533	0.117	0.203	4.461	FO
25359	$5^h33^m02\overset{s}{.}35$	$-70^\circ15'33\overset{''}{.}3$	3.39729	442.27884	15.310	16.062	16.716	14.145	0.152	0.436	4.606	FU
25377	$5^h32^m48\overset{s}{.}98$	$-70^\circ13'58\overset{''}{.}4$	3.09592	443.82639	15.243	15.933	16.512	14.175	0.152	0.435	4.489	FU
25418	$5^h32^m43\overset{s}{.}66$	$-70^\circ14'48\overset{''}{.}8$	2.11207	443.45009	15.840	16.559	17.127	14.727	0.152	0.425	4.364	FU
31577	$5^h32^m29\overset{s}{.}89$	$-70^\circ12'56\overset{''}{.}3$	2.73145	442.82014	15.514	16.297	16.851	14.301	0.152	0.360	4.484	FU
31612	$5^h32^m32\overset{s}{.}48$	$-70^\circ11'25\overset{''}{.}3$	3.28489	444.87960	15.411	16.344	17.055	13.966	0.152	0.382	4.610	FU
44657	$5^h32^m38\overset{s}{.}04$	$-70^\circ04'57\overset{''}{.}2$	4.01588	441.95391	15.017	15.802	16.457	13.801	0.147	0.390	4.702	FU
51886	$5^h32^m33\overset{s}{.}09$	$-69^\circ59'49\overset{''}{.}0$	4.65494	442.59661	14.826	15.638	16.229	13.568	0.147	0.448	4.867	FU
59277	$5^h32^m36\overset{s}{.}55$	$-69^\circ57'35\overset{''}{.}8$	2.69976	442.69220	14.915	15.625	16.148	13.815	0.147	0.000	–	FO
66584	$5^h32^m46\overset{s}{.}24$	$-69^\circ52'17\overset{''}{.}1$	1.83677	444.77986	15.678	16.443	16.995	14.494	0.147	0.186	4.534	FO
72986	$5^h32^m58\overset{s}{.}53$	$-69^\circ51'55\overset{''}{.}7$	4.80080	441.22123	15.218	16.160	16.928	13.760	0.163	0.397	4.783	FU
118785	$5^h33^m29\overset{s}{.}94$	$-70^\circ16'34\overset{''}{.}9$	2.73127	444.90958	15.568	16.291	16.857	14.449	0.152	0.465	4.502	FU
124650	$5^h33^m18\overset{s}{.}58$	$-70^\circ10'03\overset{''}{.}4$	4.60602	440.83232	14.928	15.747	16.443	13.660	0.152	0.153	4.609	FO
136983	$5^h33^m16\overset{s}{.}54$	$-70^\circ03'53\overset{''}{.}8$	4.99589	444.74380	14.710	15.431	16.059	13.594	0.147	0.431	4.811	FU
150925	$5^h33^m22\overset{s}{.}94$	$-69^\circ57'19\overset{''}{.}7$	4.29163	443.64129	15.055	15.893	16.569	13.756	0.147	0.394	4.594	FU
150939	$5^h33^m26\overset{s}{.}74$	$-69^\circ56'32\overset{''}{.}8$	2.36133	444.75922	15.124	15.790	16.266	14.094	0.147	0.029	4.478	FO
158020	$5^h33^m13\overset{s}{.}79$	$-69^\circ54'55\overset{''}{.}9$	4.15474	444.30702	15.166	16.048	16.790	13.801	0.147	0.376	4.665	FU
158027	$5^h33^m47\overset{s}{.}05$	$-69^\circ54'34\overset{''}{.}2$	2.28500	444.56718	15.284	16.020	16.595	14.143	0.147	0.102	4.803	FO
158032	$5^h33^m36\overset{s}{.}98$	$-69^\circ54'16\overset{''}{.}6$	2.16193	444.48111	15.201	15.811	16.256	14.254	0.147	0.153	4.894	FO
158066	$5^h33^m39\overset{s}{.}93$	$-69^\circ54'18\overset{''}{.}0$	2.20349	443.00294	15.365	16.102	16.668	14.223	0.147	0.121	4.656	FO
158087	$5^h33^m40\overset{s}{.}61$	$-69^\circ52'58\overset{''}{.}9$	5.26198	440.40298	15.742	17.155	18.337	13.555	0.147	0.417	4.888	FU
164361	$5^h33^m43\overset{s}{.}13$	$-69^\circ51'13\overset{''}{.}2$	1.88935	444.79581	15.641	16.414	16.947	14.443	0.163	0.198	4.520	FO
169974	$5^h33^m36\overset{s}{.}77$	$-69^\circ45'17\overset{''}{.}3$	4.23637	443.74069	15.106	15.904	16.753	13.869	0.163	0.398	4.703	FU
169975	$5^h33^m48\overset{s}{.}70$	$-69^\circ45'12\overset{''}{.}5$	3.31084	441.91559	15.279	16.014	16.585	14.142	0.163	0.446	4.561	FU
174900	$5^h33^m45\overset{s}{.}82$	$-69^\circ43'38\overset{''}{.}7$	3.94111	442.62014	15.097	15.848	16.657	13.934	0.163	0.434	4.609	FU
196811	$5^h33^m50\overset{s}{.}02$	$-70^\circ22'40\overset{''}{.}3$	1.47709	443.64092	16.386	17.092	17.599	15.292	0.117	0.306	3.888	FO
201683	$5^h33^m59\overset{s}{.}99$	$-70^\circ17'11\overset{''}{.}8$	2.31922	444.82428	15.174	15.870	16.382	14.097	0.152	0.107	4.520	FO
206878	$5^h34^m16\overset{s}{.}52$	$-70^\circ16'13\overset{''}{.}4$	1.98650	443.25780	15.409	16.151	16.727	14.259	0.152	0.178	4.709	FO
212053	$5^h34^m29\overset{s}{.}44$	$-70^\circ11'56\overset{''}{.}1$	3.26755	443.07128	15.284	16.009	16.530	14.162	0.152	0.414	4.478	FU
212056	$5^h34^m10\overset{s}{.}63$	$-70^\circ11'44\overset{''}{.}0$	5.34595	444.40773	14.964	15.900	16.696	13.515	0.152	0.361	5.027	FU
212204	$5^h33^m59\overset{s}{.}77$	$-70^\circ10'48\overset{''}{.}2$	1.05296	444.69858	16.395	17.098	17.651	15.308	0.152	0.185	3.823	FO
217441	$5^h33^m58\overset{s}{.}03$	$-70^\circ06'46\overset{''}{.}0$	4.51657	442.77397	15.016	15.874	16.628	13.688	0.152	0.243	4.656	FU
223119	$5^h33^m54\overset{s}{.}58$	$-70^\circ02'55\overset{''}{.}0$	5.06424	440.47921	14.297	14.744	14.951	13.606	0.147	0.401	4.725	FU
229541	$5^h34^m19\overset{s}{.}72$	$-70^\circ00'00\overset{''}{.}1$	1.21642	444.66556	16.033	16.600	17.083	15.155	0.147	0.226	4.320	FO
242606	$5^h33^m55\overset{s}{.}40$	$-69^\circ54'43\overset{''}{.}8$	2.13419	444.47171	15.310	15.990	16.506	14.257	0.147	0.152	4.707	FO
242614	$5^h34^m18\overset{s}{.}75$	$-69^\circ53'38\overset{''}{.}4$	2.67511	443.40694	15.100	15.832	16.409	13.967	0.147	0.069	4.593	FO
242658	$5^h34^m28\overset{s}{.}21$	$-69^\circ54'11\overset{''}{.}1$	2.33219	444.70747	15.370	16.164	16.771	14.141	0.147	0.109	4.782	FO
248025	$5^h34^m28\overset{s}{.}01$	$-69^\circ49'01\overset{''}{.}7$	3.11748	442.21981	15.353	16.111	16.741	14.180	0.163	0.412	4.547	FU
266530	$5^h34^m42\overset{s}{.}26$	$-70^\circ33'42\overset{''}{.}0$	4.11529	441.55075	14.857	15.541	16.110	13.798	0.117	0.461	4.544	FU
275300	$5^h34^m58\overset{s}{.}77$	$-70^\circ26'30\overset{''}{.}7$	2.98266	444.73367	15.333	15.975	16.474	14.341	0.117	0.445	4.556	FU
290572	$5^h35^m09\overset{s}{.}98$	$-70^\circ14'45\overset{''}{.}2$	1.35351	444.50686	16.077	–	–	–	0.152	0.138	4.439	FO
295698	$5^h34^m59\overset{s}{.}05$	$-70^\circ11'48\overset{''}{.}2$	2.89982	442.14583	15.521	16.380	17.094	14.191	0.152	0.401	4.515	FU
295713	$5^h34^m48\overset{s}{.}29$	$-70^\circ10'55\overset{''}{.}9$	3.43072	443.02026	15.170	16.043	16.715	13.817	0.152	0.389	4.485	FU
306814	$5^h34^m38\overset{s}{.}65$	$-70^\circ04'43\overset{''}{.}8$	2.23221	444.53573	15.192	15.883	16.429	14.122	0.147	0.114	4.608	FO
306872	$5^h34^m39\overset{s}{.}40$	$-70^\circ04'23\overset{''}{.}1$	3.55525	442.84736	15.252	16.065	16.746	13.992	0.147	0.403	4.599	FU
312843	$5^h34^m45\overset{s}{.}25$	$-69^\circ59'19\overset{''}{.}5$	2.61828	444.07770	15.513	16.198	16.723	14.452	0.147	0.412	4.421	FU
313151	$5^h35^m00\overset{s}{.}88$	$-70^\circ01'03\overset{''}{.}8$	36.51287	426.10108	17.556	18.760	19.915	15.690	0.147	0.390	5.043	FA
324972	$5^h34^m47\overset{s}{.}59$	$-69^\circ54'51\overset{''}{.}2$	4.65729	443.11470	14.732	15.467	16.055	13.595	0.147	0.453	4.682	FU
324983	$5^h34^m34\overset{s}{.}60$	$-69^\circ54'06\overset{''}{.}1$	2.29238	442.94328	15.155	15.839	16.318	14.096	0.147	0.000	–	FO
324986	$5^h35^m00\overset{s}{.}06$	$-69^\circ53'59\overset{''}{.}5$	2.20926	444.91944	15.079	15.709	16.167	14.104	0.147	0.155	4.549	FO
345261	$5^h34^m56\overset{s}{.}28$	$-69^\circ40'46\overset{''}{.}1$	0.73489	444.67836	16.809	17.464	17.984	15.795	0.163	0.175	3.407	FO
LMC_SC2												
30960	$5^h30^m33\overset{s}{.}57$	$-70^\circ05'09\overset{''}{.}2$	5.48745	440.39118	14.403	15.084	15.617	13.348	0.121	0.438	4.711	FU
31081	$5^h30^m14\overset{s}{.}07$	$-70^\circ03'49\overset{''}{.}2$	2.70994	444.97612	15.370	16.011	16.462	14.379	0.121	0.453	4.397	FU
39166	$5^h30^m04\overset{s}{.}17$	$-69^\circ59'39\overset{''}{.}5$	2.17676	444.26801	15.099	15.721	16.157	14.135	0.121	0.160	4.648	FO
39433	$5^h30^m23\overset{s}{.}65$	$-70^\circ00'08\overset{''}{.}0$	1.70727	444.47589	16.226	16.885	17.334	15.206	0.121	0.412	4.316	FU
47348	$5^h30^m04\overset{s}{.}34$	$-69^\circ56'46\overset{''}{.}1$	6.29131	444.72622	14.313	15.066	15.635	13.147	0.121	0.412	5.075	FU
47399	$5^h30^m27\overset{s}{.}92$	$-69^\circ56'40\overset{''}{.}6$	4.20686	443.69511	14.800	15.475	15.971	13.754	0.121	0.455	4.520	FU
55470	$5^h30^m02\overset{s}{.}37$	$-69^\circ52'59\overset{''}{.}2$	15.99137	443.95380	13.572	14.596	15.547	11.985	0.121	0.219	5.028	FU
63342	$5^h29^m57\overset{s}{.}75$	$-69^\circ50'51\overset{''}{.}9$	2.03042	444.88997	15.251	15.959	16.435	14.154	0.151	0.134	4.707	FO
63369	$5^h30^m27\overset{s}{.}76$	$-69^\circ48'32\overset{''}{.}0$	1.93749	444.55563	15.184	15.802	16.219	14.226	0.150	0.183	4.444	FO
70874	$5^h30^m18\overset{s}{.}31$	$-69^\circ48'14\overset{''}{.}8$	2.75064	442.37314	14.842	15.496	15.969	13.829	0.150	0.035	5.059	FO
78835	$5^h30^m14\overset{s}{.}65$	$-69^\circ44'22\overset{''}{.}5$	2.58776	443.97512	15.456	16.129	16.612	14.413	0.151	0.447	4.366	FU
78855	$5^h29^m59\overset{s}{.}07$	$-69^\circ42'39\overset{''}{.}1$	2.17338	444.82305	15.255	16.005	16.506	14.093	0.150	0.130	4.739	FO
91891	$5^h30^m21\overset{s}{.}26$	$-69^\circ34'24\overset{''}{.}9$	4.16669	443.54047	14.991	15.770	16.378	13.784	0.131	0.431	4.758	FU
97934	$5^h30^m27\overset{s}{.}13$	$-69^\circ31'13\overset{''}{.}9$	10.99009	435.50141	13.505	14.264	14.837	12.330	0.131	0.135	4.644	FU
108984	$5^h30^m13\overset{s}{.}59$	$-69^\circ26'15\overset{''}{.}6$	23.04450	422.72079	12.845	13.809	14.727	11.352	0.131	0.306	5.015	FU
114109	$5^h31^m00\overset{s}{.}08$	$-70^\circ19'02\overset{''}{.}2$	3.44827	444.21056	15.346	16.179	16.740	14.054	0.121	0.413	4.519	FU
114148	$5^h31^m16\overset{s}{.}35$	$-70^\circ19'19\overset{''}{.}5$	2.89337	443.77454	15.589	16.409	17.085	14.319	0.121	0.266	4.414	FU

T a b l e 3

Continued

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
120414	$5^h30^m45^s.94$	$-70^\circ16'17''.7$	3.56787	443.21949	14.145	15.061	15.849	12.728	0.121	0.364	4.397	BR
127932	$5^h30^m48^s.73$	$-70^\circ10'29''.3$	3.59714	442.58639	15.323	16.129	16.737	14.074	0.121	0.376	4.712	FU
127941	$5^h31^m05^s.29$	$-70^\circ10'05''.2$	2.36507	443.41876	14.984	15.557	15.931	14.097	0.121	0.103	4.746	FO
128006	$5^h30^m55^s.96$	$-70^\circ10'22''.3$	1.88119	444.26001	15.585	16.296	16.792	14.483	0.121	0.150	4.694	FO
143098	$5^h31^m12^s.82$	$-70^\circ04'27''.2$	4.22704	444.37168	14.971	15.704	16.264	13.837	0.121	0.458	4.716	FU
158654	$5^h30^m38^s.27$	$-69^\circ58'06''.1$	6.38241	442.26837	14.478	15.245	15.855	13.289	0.121	0.105	4.872	FO
158664	$5^h30^m58^s.47$	$-69^\circ57'31''.6$	7.02416	440.35802	14.383	15.184	15.876	13.141	0.121	0.330	5.451	FU
158669	$5^h31^m02^s.86$	$-69^\circ57'12''.0$	3.04825	444.97874	14.823	15.523	16.007	13.740	0.121	0.079	3.579	FO
158672	$5^h30^m52^s.14$	$-69^\circ56'46''.9$	2.31356	443.64506	14.914	15.593	16.052	13.862	0.121	0.094	4.525	FO
158674	$5^h30^m39^s.85$	$-69^\circ56'39''.5$	2.56224	443.96387	14.932	15.541	15.947	13.987	0.121	0.081	4.450	FO
172934	$5^h30^m41^s.92$	$-69^\circ49'15''.4$	5.99282	444.68563	14.572	15.407	16.059	13.278	0.150	0.440	4.909	FU
172969	$5^h30^m48^s.83$	$-69^\circ48'47''.9$	3.24087	443.21558	15.370	16.129	16.675	14.195	0.150	0.438	4.504	FU
180132	$5^h30^m37^s.67$	$-69^\circ46'42''.4$	7.09089	440.20200	14.329	15.172	15.948	13.023	0.150	0.272	5.375	FU
180134	$5^h30^m52^s.97$	$-69^\circ46'25''.7$	5.27290	441.81720	14.050	14.767	15.312	12.940	0.150	0.194	4.781	FO
180138	$5^h30^m40^s.82$	$-69^\circ45'09''.1$	7.55023	438.25280	14.093	14.846	15.432	12.927	0.150	0.338	5.127	FU
180165	$5^h30^m47^s.44$	$-69^\circ45'42''.2$	3.26707	444.53485	14.563	15.210	15.679	13.561	0.151	0.076	3.749	FO
180167	$5^h31^m01^s.04$	$-69^\circ45'32''.5$	4.87459	440.14868	14.749	15.504	16.089	13.580	0.150	0.427	4.691	FU
198723	$5^h30^m59^s.63$	$-69^\circ35'31''.0$	4.65685	443.63363	14.902	15.713	16.327	13.645	0.131	0.440	4.687	FU
203856	$5^h31^m03^s.12$	$-69^\circ32'07''.1$	4.64137	441.97622	14.826	15.554	16.185	13.699	0.131	0.445	4.787	FU
208897	$5^h30^m48^s.61$	$-69^\circ27'14''.9$	2.41779	444.18529	15.059	15.706	16.176	14.057	0.131	0.070	5.355	FO
213909	$5^h31^m13^s.11$	$-69^\circ25'59''.5$	2.52952	443.89104	14.866	15.460	15.852	13.945	0.131	0.078	4.320	FO
213961	$5^h30^m39^s.30$	$-69^\circ25'43''.5$	3.49624	444.60247	15.242	16.012	16.619	14.048	0.131	0.428	4.636	FU
218989	$5^h31^m54^s.03$	$-70^\circ19'14''.0$	1.77413	444.95249	16.208	16.879	17.288	15.170	0.121	0.502	4.249	FU
232835	$5^h31^m23^s.37$	$-70^\circ13'01''.2$	4.63835	441.82571	14.901	15.676	16.317	13.700	0.121	0.418	4.830	FU
240715	$5^h31^m49^s.21$	$-70^\circ08'54''.2$	2.52449	444.07778	15.672	16.366	16.889	14.598	0.121	0.492	4.470	FU
240852	$5^h31^m44^s.72$	$-70^\circ08'53''.0$	0.80429	444.25721	16.722	17.318	17.723	15.799	0.121	0.163	3.781	FO
248448	$5^h31^m22^s.42$	$-70^\circ03'33''.8$	1.82981	444.40993	15.335	15.911	16.314	14.444	0.121	0.210	4.522	FO
248450	$5^h31^m17^s.32$	$-70^\circ03'29''.8$	2.24857	442.96227	15.094	15.714	16.181	14.133	0.121	0.115	4.652	FO
248471	$5^h31^m24^s.77$	$-70^\circ05'57''.1$	1.89299	444.70673	15.633	16.360	16.918	14.508	0.121	0.128	4.896	FO
248540	$5^h31^m19^s.44$	$-70^\circ02'59''.2$	1.82378	443.46110	15.391	15.983	16.396	14.473	0.121	0.143	4.610	FO
256115	$5^h31^m48^s.28$	$-70^\circ01'27''.2$	4.13265	441.80292	14.913	15.636	16.213	13.794	0.121	0.350	4.581	FU
263407	$5^h31^m38^s.92$	$-69^\circ58'41''.8$	4.62829	441.47668	14.819	15.549	16.120	13.689	0.121	0.404	4.651	FU
263411	$5^h31^m44^s.42$	$-69^\circ58'11''.2$	3.38053	443.76517	15.202	15.911	16.407	14.103	0.121	0.398	4.470	FU
263415	$5^h31^m47^s.74$	$-69^\circ57'42''.2$	2.45540	444.55203	15.076	15.721	16.166	14.077	0.121	0.067	4.511	FO
263427	$5^h31^m41^s.49$	$-69^\circ57'12''.1$	3.30708	444.08152	15.273	15.973	16.503	14.190	0.121	0.410	4.361	FU
263433	$5^h31^m36^s.76$	$-69^\circ56'43''.1$	3.23673	442.04624	14.710	15.375	15.869	13.681	0.121	0.118	3.732	FO
263498	$5^h31^m38^s.52$	$-69^\circ56'53''.5$	3.88073	443.61059	15.269	16.104	16.798	13.975	0.121	0.274	4.546	FU
270295	$5^h31^m17^s.62$	$-69^\circ54'28''.2$	5.97702	444.54911	14.373	15.160	15.737	13.154	0.121	0.410	4.647	FU
270310	$5^h31^m50^s.57$	$-69^\circ54'57''.4$	3.76869	442.47225	15.088	15.805	16.343	13.978	0.121	0.400	4.528	FU
270322	$5^h31^m22^s.53$	$-69^\circ53'22''.9$	3.40891	443.85584	15.039	15.646	16.051	14.099	0.121	0.379	4.415	FU
283723	$5^h31^m41^s.02$	$-69^\circ45'03''.0$	1.30889	444.06107	16.277	17.018	17.467	15.129	0.150	0.172	4.460	FO
295089	$5^h31^m56^s.12$	$-69^\circ40'55''.5$	2.21555	444.73586	15.134	15.762	16.192	14.162	0.150	0.098	4.579	FO
300414	$5^h31^m18^s.44$	$-69^\circ36'26''.3$	4.83439	441.44796	14.887	15.745	16.424	13.559	0.131	0.450	4.756	FU
310497	$5^h31^m52^s.39$	$-69^\circ30'26''.3$	2.67157	443.19410	17.458	18.207	18.732	16.298	0.131	0.231	5.472	FA
334050	$5^h32^m23^s.45$	$-70^\circ12'52''.5$	2.46150	444.05397	15.089	15.825	16.342	13.948	0.121	0.028	4.572	FO
334064	$5^h32^m07^s.69$	$-70^\circ12'01''.8$	1.86763	443.96523	15.329	15.962	16.347	14.350	0.121	0.204	4.458	FO
334077	$5^h32^m32^s.48$	$-70^\circ11'25''.3$	3.28477	444.98794	15.427	16.342	17.023	14.011	0.121	0.381	4.610	FU
334104	$5^h32^m29^s.89$	$-70^\circ12'56''.3$	2.73179	442.70716	15.532	16.295	16.826	14.351	0.121	0.376	4.496	FU
334165	$5^h32^m03^s.01$	$-70^\circ10'17''.3$	3.29488	442.81323	15.350	16.171	16.795	14.079	0.121	0.392	4.523	FU
349919	$5^h32^m38^s.06$	$-70^\circ04'57''.1$	4.01578	441.92791	14.988	15.796	16.428	13.736	0.121	0.384	4.650	FU
357821	$5^h32^m15^s.75$	$-70^\circ01'58''.1$	4.29598	441.30282	14.973	15.797	16.573	13.697	0.121	0.274	4.668	FU
357849	$5^h32^m12^s.12$	$-70^\circ00'18''.8$	3.77557	443.58012	14.996	15.712	16.256	13.887	0.121	0.373	4.535	FU
357856	$5^h32^m33^s.08$	$-69^\circ59'48''.9$	4.65487	442.58258	14.836	15.612	16.203	13.634	0.121	0.437	4.829	FU
365468	$5^h32^m25^s.08$	$-69^\circ58'38''.1$	5.73729	439.27433	14.561	15.365	15.996	13.315	0.121	0.421	5.075	FU
365487	$5^h32^m36^s.53$	$-69^\circ57'35''.9$	2.69999	442.66494	14.923	15.633	16.134	13.823	0.121	0.053	3.970	FO
365517	$5^h32^m12^s.54$	$-69^\circ58'35''.8$	2.94251	444.02286	15.295	15.933	16.282	14.309	0.121	0.436	4.467	FU
385297	$5^h32^m18^s.99$	$-69^\circ46'39''.7$	3.50854	442.46715	14.688	15.496	16.060	13.436	0.150	0.124	3.486	FO
385301	$5^h32^m26^s.68$	$-69^\circ46'21''.8$	3.34383	443.67192	15.196	15.961	16.521	14.012	0.150	0.444	4.582	FU
385324	$5^h32^m01^s.17$	$-69^\circ47'52''.9$	2.97119	443.57182	15.441	16.210	16.761	14.249	0.151	0.408	4.482	FU
396425	$5^h32^m02^s.68$	$-69^\circ38'14''.0$	3.71275	442.41879	15.122	15.906	16.490	13.908	0.150	0.414	4.538	FU
407032	$5^h32^m27^s.95$	$-69^\circ34'17''.1$	1.27138	444.26813	16.278	17.101	17.688	15.004	0.131	0.155	3.851	FO
				LMC_SC3								
5709	$5^h27^m30^s.37$	$-70^\circ10'46''.3$	2.49501	443.58335	15.688	16.482	17.058	14.459	0.134	0.465	4.509	FU
5715	$5^h27^m28^s.78$	$-70^\circ10'31''.0$	2.11632	444.09922	15.132	15.942	16.236	13.877	0.134	0.091	5.034	BR
11987	$5^h27^m43^s.61$	$-70^\circ08'42''.4$	2.76209	444.54622	15.492	16.238	16.798	14.336	0.134	0.452	4.514	FU
26910	$5^h27^m43^s.07$	$-70^\circ00'49''.7$	15.84364	429.20890	13.152	14.068	14.881	11.735	0.120	0.240	4.975	FU
35233	$5^h27^m37^s.72$	$-69^\circ57'52''.5$	4.01553	444.36757	14.265	14.970	15.632	13.172	0.120	0.151	4.004	FO
35297	$5^h27^m37^s.09$	$-69^\circ56'26''.8$	3.70896	444.84387	15.163	15.972	16.650	13.909	0.120	0.397	4.639	FU
35307	$5^h27^m40^s.14$	$-69^\circ55'45''.7$	2.76772	443.75791	14.845	15.560	16.079	13.738	0.120	0.071	4.049	FO
44256	$5^h27^m36^s.82$	$-69^\circ53'42''.8$	7.32001	443.12203	14.046	14.837	15.493	12.821	0.120	0.355	5.198	FU

Table 3

Continued

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
44391	$5^h27^m57\overset{s}{.}84$	$-69^\circ53'48\overset{''}{.}5$	2.53947	444.24466	15.762	16.532	17.114	14.568	0.120	0.453	4.467	FU
53226	$5^h27^m34\overset{s}{.}14$	$-69^\circ51'22\overset{''}{.}4$	7.49502	439.90410	13.869	14.623	15.225	12.701	0.120	0.401	4.944	FU
53242	$5^h27^m32\overset{s}{.}77$	$-69^\circ49'14\overset{''}{.}8$	4.58472	444.90686	14.076	14.800	15.353	12.955	0.120	0.174	4.366	FO
62624	$5^h27^m55\overset{s}{.}13$	$-69^\circ48'03\overset{''}{.}9$	7.44175	439.68967	14.075	14.806	15.395	12.944	0.123	0.323	5.160	FU
62742	$5^h27^m49\overset{s}{.}69$	$-69^\circ46'17\overset{''}{.}6$	1.47000	444.35789	15.797	16.435	16.888	14.811	0.123	0.167	4.519	FO
108113	$5^h27^m59\overset{s}{.}92$	$-69^\circ23'27\overset{''}{.}6$	12.74848	440.94606	16.106	17.078	17.779	14.601	0.117	0.141	2.132	FA
153951	$5^h28^m38\overset{s}{.}22$	$-69^\circ58'01\overset{''}{.}8$	12.26284	433.11314	13.658	14.564	15.422	12.255	0.120	0.044	2.920	FU
153982	$5^h28^m31\overset{s}{.}52$	$-69^\circ58'09\overset{''}{.}6$	5.04483	443.35288	14.718	15.513	16.180	13.488	0.120	0.388	4.751	FU
153983	$5^h28^m19\overset{s}{.}80$	$-69^\circ57'59\overset{''}{.}4$	3.42085	444.28518	15.260	16.021	16.656	14.082	0.120	0.404	4.519	FU
162132	$5^h28^m29\overset{s}{.}78$	$-69^\circ52'36\overset{''}{.}7$	7.22656	437.97887	14.191	14.967	15.613	12.989	0.120	0.360	5.265	FU
162135	$5^h28^m45\overset{s}{.}59$	$-69^\circ52'06\overset{''}{.}6$	6.51736	441.07240	14.406	15.188	15.787	13.195	0.120	0.413	4.894	FU
162180	$5^h28^m23\overset{s}{.}25$	$-69^\circ52'03\overset{''}{.}8$	2.57930	442.85888	14.810	15.422	15.875	13.860	0.120	0.119	4.608	FO
170203	$5^h28^m35\overset{s}{.}24$	$-69^\circ51'23\overset{''}{.}4$	6.89411	440.13374	14.280	14.974	15.435	13.206	0.120	0.259	5.068	FU
170205	$5^h28^m32\overset{s}{.}05$	$-69^\circ50'54\overset{''}{.}2$	7.57042	444.30099	14.284	15.135	15.904	12.966	0.120	0.228	5.538	FU
170223	$5^h28^m23\overset{s}{.}03$	$-69^\circ51'36\overset{''}{.}5$	2.08788	443.68427	15.267	15.899	16.329	14.289	0.120	0.093	4.710	FO
170246	$5^h28^m44\overset{s}{.}56$	$-69^\circ50'05\overset{''}{.}0$	2.62452	444.94181	14.913	15.567	16.068	13.900	0.120	0.078	4.568	FO
170248	$5^h28^m43\overset{s}{.}69$	$-69^\circ50'03\overset{''}{.}2$	5.29412	443.84860	14.717	15.546	16.352	13.431	0.120	0.326	4.915	FU
194729	$5^h28^m37\overset{s}{.}37$	$-69^\circ41'01\overset{''}{.}1$	5.84811	440.18059	14.670	15.496	16.179	13.391	0.123	0.228	5.005	FU
194754	$5^h28^m37\overset{s}{.}54$	$-69^\circ40'55\overset{''}{.}2$	3.55740	443.96916	15.025	15.721	16.267	13.948	0.123	0.420	4.435	FU
194767	$5^h28^m22\overset{s}{.}84$	$-69^\circ39'34\overset{''}{.}5$	2.95984	444.13429	15.199	15.908	16.438	14.100	0.123	0.204	4.569	FU
201460	$5^h28^m40\overset{s}{.}63$	$-69^\circ36'29\overset{''}{.}1$	2.72805	443.37541	14.943	15.621	16.075	13.893	0.123	0.043	4.379	FO
201465	$5^h28^m33\overset{s}{.}60$	$-69^\circ35'46\overset{''}{.}1$	4.01090	444.46184	15.228	16.044	16.675	13.964	0.123	0.351	4.691	FU
213991	$5^h28^m11\overset{s}{.}50$	$-69^\circ28'58\overset{''}{.}8$	1.59818	443.64576	15.868	16.493	17.040	14.899	0.117	0.178	5.141	FO
230821	$5^h29^m28\overset{s}{.}37$	$-70^\circ14'55\overset{''}{.}3$	3.09365	444.80585	15.305	16.005	16.514	14.222	0.134	0.494	4.551	FU
243445	$5^h29^m28\overset{s}{.}37$	$-70^\circ08'14\overset{''}{.}9$	2.18766	444.98848	15.386	16.124	16.863	14.242	0.134	0.060	5.248	FO
243639	$5^h28^m57\overset{s}{.}83$	$-70^\circ07'15\overset{''}{.}5$	1.04468	444.29176	16.604	17.057	17.270	15.904	0.134	0.108	3.685	FO
250696	$5^h29^m05\overset{s}{.}98$	$-70^\circ05'40\overset{''}{.}3$	2.36932	442.66426	14.961	15.532	15.959	14.077	0.134	0.121	4.971	FO
250776	$5^h28^m53\overset{s}{.}71$	$-70^\circ04'09\overset{''}{.}8$	4.61320	440.42176	15.582	16.794	17.756	13.705	0.134	0.416	4.756	FU
266664	$5^h29^m08\overset{s}{.}36$	$-69^\circ56'04\overset{''}{.}3$	10.01176	438.02909	15.841	16.570	17.108	14.713	0.120	0.077	4.662	FA
274376	$5^h29^m12\overset{s}{.}59$	$-69^\circ53'26\overset{''}{.}8$	4.04369	442.79836	14.535	15.309	15.915	13.336	0.120	0.188	3.823	FO
274410	$5^h29^m03\overset{s}{.}03$	$-69^\circ53'24\overset{''}{.}9$	2.44614	442.62244	15.050	15.753	16.281	13.963	0.120	0.055	5.127	FO
282040	$5^h28^m51\overset{s}{.}57$	$-69^\circ50'04\overset{''}{.}4$	4.11585	443.82020	14.792	15.447	15.960	13.778	0.120	0.423	4.475	FU
282042	$5^h29^m19\overset{s}{.}34$	$-69^\circ49'53\overset{''}{.}6$	2.35730	443.99941	15.132	15.818	16.366	14.070	0.120	0.058	5.129	FO
290130	$5^h29^m28\overset{s}{.}64$	$-69^\circ48'00\overset{''}{.}5$	4.07487	442.16716	16.290	16.861	17.263	15.406	0.123	0.385	5.132	FA
317016	$5^h29^m14\overset{s}{.}74$	$-69^\circ31'05\overset{''}{.}7$	7.41376	441.37416	14.313	15.152	15.883	13.013	0.117	0.258	5.572	FU
317051	$5^h29^m15\overset{s}{.}46$	$-69^\circ30'40\overset{''}{.}9$	2.35018	444.03583	14.962	15.551	15.952	14.049	0.117	0.114	4.576	FO
322990	$5^h29^m21\overset{s}{.}57$	$-69^\circ27'59\overset{''}{.}6$	4.68196	440.69480	14.642	15.419	16.075	13.438	0.117	0.408	4.575	FU
328748	$5^h29^m09\overset{s}{.}09$	$-69^\circ24'13\overset{''}{.}2$	2.57431	442.50438	15.456	16.111	16.570	14.442	0.117	0.472	4.370	FU
368172	$5^h29^m33\overset{s}{.}92$	$-70^\circ00'32\overset{''}{.}8$	4.92028	444.23791	14.807	15.639	16.290	13.517	0.120	0.403	4.826	FU
368185	$5^h30^m04\overset{s}{.}17$	$-69^\circ59'39\overset{''}{.}5$	2.17687	444.21335	15.077	15.730	16.147	14.066	0.120	0.160	4.633	FO
376576	$5^h30^m04\overset{s}{.}34$	$-69^\circ56'46\overset{''}{.}1$	6.29183	444.78054	14.301	15.066	–	13.117	0.120	0.396	5.087	FU
384972	$5^h30^m02\overset{s}{.}38$	$-69^\circ52'59\overset{''}{.}2$	15.99180	443.65185	13.579	14.598	15.582	12.000	0.120	0.212	5.037	FU
384989	$5^h29^m42\overset{s}{.}01$	$-69^\circ51'54\overset{''}{.}5$	5.93843	442.67190	14.547	15.405	16.102	13.219	0.120	0.375	4.994	FU
393051	$5^h29^m48\overset{s}{.}60$	$-69^\circ49'50\overset{''}{.}7$	5.33739	440.32794	14.627	15.415	15.909	13.407	0.120	0.314	4.789	FU
393065	$5^h29^m57\overset{s}{.}76$	$-69^\circ50'51\overset{''}{.}9$	2.03046	444.86913	15.256	15.964	16.435	14.159	0.120	0.163	4.642	FO
400608	$5^h29^m38\overset{s}{.}67$	$-69^\circ47'29\overset{''}{.}2$	3.53219	443.08151	14.544	15.277	15.797	13.410	0.123	0.088	3.249	FO
408692	$5^h29^m59\overset{s}{.}08$	$-69^\circ42'39\overset{''}{.}1$	2.17345	444.87826	15.270	16.018	16.524	14.111	0.123	0.122	4.715	FO
421504	$5^h29^m52\overset{s}{.}34$	$-69^\circ37'21\overset{''}{.}5$	4.40963	444.21513	14.929	15.743	16.347	13.668	0.123	0.447	4.818	FU
421512	$5^h29^m45\overset{s}{.}59$	$-69^\circ36'58\overset{''}{.}3$	3.18618	442.01069	14.858	15.666	16.268	13.606	0.123	0.079	3.742	FO
444282	$5^h29^m33\overset{s}{.}38$	$-69^\circ21'01\overset{''}{.}8$	6.22700	439.19026	14.497	15.358	16.038	13.162	0.117	0.295	5.063	FU
				LMC_SC4								
41	$5^h25^m32\overset{s}{.}64$	$-70^\circ13'02\overset{''}{.}2$	3.37454	444.08657	15.342	16.108	16.703	14.157	0.130	0.403	4.594	FU
65	$5^h25^m20\overset{s}{.}38$	$-70^\circ15'09\overset{''}{.}4$	1.67930	443.62346	15.742	16.430	16.989	14.677	0.130	0.168	4.647	FO
6353	$5^h25^m28\overset{s}{.}55$	$-70^\circ11'58\overset{''}{.}8$	4.07697	441.57140	15.046	15.803	16.430	13.874	0.130	0.409	4.744	FU
13514	$5^h25^m04\overset{s}{.}27$	$-70^\circ06'29\overset{''}{.}4$	5.00702	442.21866	14.852	15.739	16.550	13.480	0.130	0.280	4.878	FU
20960	$5^h25^m10\overset{s}{.}65$	$-70^\circ05'10\overset{''}{.}4$	2.91625	443.79777	14.691	15.325	15.763	13.710	0.130	0.081	3.689	FO
36200	$5^h25^m12\overset{s}{.}99$	$-69^\circ56'51\overset{''}{.}2$	3.47660	442.66275	14.502	15.174	15.696	13.463	0.120	0.112	3.546	FO
36266	$5^h25^m29\overset{s}{.}41$	$-69^\circ55'12\overset{''}{.}6$	6.80614	438.48105	14.563	15.512	16.383	13.094	0.120	0.260	5.261	FU
44867	$5^h25^m30\overset{s}{.}39$	$-69^\circ52'15\overset{''}{.}6$	7.18188	437.97132	14.132	14.905	15.583	12.934	0.120	0.348	5.366	FU
44876	$5^h25^m28\overset{s}{.}93$	$-69^\circ54'44\overset{''}{.}5$	6.05549	442.01155	14.577	15.417	16.141	13.275	0.120	0.419	4.907	FU
45203	$5^h25^m23\overset{s}{.}56$	$-69^\circ52'32\overset{''}{.}6$	1.15916	444.23604	16.547	17.189	17.637	15.552	0.120	0.355	4.143	FU
53458	$5^h25^m15\overset{s}{.}39$	$-69^\circ50'59\overset{''}{.}7$	6.61962	443.56945	14.462	15.336	16.103	13.108	0.120	0.365	5.230	FU
53463	$5^h25^m34\overset{s}{.}57$	$-69^\circ50'08\overset{''}{.}2$	5.39550	440.52924	14.392	15.308	16.074	12.975	0.120	0.285	4.752	FO
53468	$5^h25^m18\overset{s}{.}14$	$-69^\circ49'37\overset{''}{.}5$	5.93565	444.37772	14.407	15.156	15.751	13.247	0.120	0.359	4.676	FU
53514	$5^h25^m21\overset{s}{.}24$	$-69^\circ50'17\overset{''}{.}5$	5.97551	442.02593	14.642	15.533	16.289	13.264	0.120	0.383	4.831	FU
53518	$5^h25^m30\overset{s}{.}47$	$-69^\circ50'13\overset{''}{.}4$	5.56684	443.02577	14.998	15.930	16.816	13.554	0.120	0.366	4.816	FU
53527	$5^h25^m31\overset{s}{.}58$	$-69^\circ50'03\overset{''}{.}7$	7.68466	440.55810	14.834	16.029	17.044	12.984	0.120	0.307	5.533	FU
53528	$5^h25^m29\overset{s}{.}09$	$-69^\circ50'03\overset{''}{.}1$	9.37703	440.78678	15.003	16.417	17.591	12.814	0.120	0.119	1.210	FU
53546	$5^h25^m27\overset{s}{.}34$	$-69^\circ49'29\overset{''}{.}3$	6.40602	444.56575	14.435	15.237	15.980	13.192	0.120	0.337	5.174	FU
53552	$5^h25^m21\overset{s}{.}54$	$-69^\circ49'01\overset{''}{.}6$	5.22583	444.96399	14.569	15.319	15.958	13.407	0.120	0.378	4.740	FU

Table 3

Continued

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
62567	$5^h25^m24\overset{s}{.}26$	$-69^\circ44'57\overset{''}{.}4$	2.94654	442.51890	15.166	15.802	16.306	14.183	0.105	0.445	4.425	FU
71658	$5^h25^m17\overset{s}{.}29$	$-69^\circ41'20\overset{''}{.}9$	2.86812	443.67533	15.325	15.998	16.541	14.284	0.105	0.413	4.445	FU
80546	$5^h25^m22\overset{s}{.}50$	$-69^\circ40'57\overset{''}{.}1$	4.49008	441.29640	14.366	15.086	15.886	13.251	0.105	0.171	4.582	FO
98151	$5^h25^m02\overset{s}{.}78$	$-69^\circ32'08\overset{''}{.}5$	1.38239	444.90485	15.864	16.543	17.085	14.812	0.118	0.107	4.392	FO
105767	$5^h25^m33\overset{s}{.}41$	$-69^\circ29'44\overset{''}{.}4$	3.98662	444.14727	14.962	15.669	16.259	13.866	0.118	0.404	4.567	FU
105884	$5^h25^m19\overset{s}{.}41$	$-69^\circ27'05\overset{''}{.}2$	1.87451	443.15515	16.048	16.717	17.177	15.013	0.118	0.492	4.253	FU
105933	$5^h25^m27\overset{s}{.}51$	$-69^\circ29'43\overset{''}{.}2$	1.05932	444.92612	16.312	16.959	17.441	15.310	0.118	0.191	3.870	FO
131738	$5^h25^m58\overset{s}{.}76$	$-70^\circ09'49\overset{''}{.}1$	3.12224	442.51719	14.643	15.300	15.786	13.626	0.130	0.049	4.426	FO
138319	$5^h25^m56\overset{s}{.}45$	$-70^\circ09'00\overset{''}{.}7$	2.01815	443.54948	15.478	16.170	16.704	14.407	0.130	0.161	4.842	FO
145322	$5^h25^m52\overset{s}{.}73$	$-70^\circ05'30\overset{''}{.}3$	2.14355	443.47666	15.110	15.687	16.092	14.217	0.130	0.000	–	FO
152290	$5^h25^m39\overset{s}{.}92$	$-70^\circ01'32\overset{''}{.}8$	1.88788	443.28392	15.671	16.416	17.015	14.517	0.120	0.062	4.880	FO
167923	$5^h25^m59\overset{s}{.}27$	$-69^\circ54'49\overset{''}{.}1$	12.36042	438.90829	13.785	14.753	15.676	12.286	0.120	0.043	3.806	FU
167947	$5^h25^m55\overset{s}{.}02$	$-69^\circ54'51\overset{''}{.}4$	4.68002	443.46227	14.949	15.743	16.416	13.720	0.120	0.335	4.712	FU
167975	$5^h26^m00\overset{s}{.}66$	$-69^\circ53'33\overset{''}{.}6$	3.13584	443.35688	14.898	15.650	16.207	13.733	0.120	0.063	3.136	FO
167981	$5^h25^m53\overset{s}{.}28$	$-69^\circ53'10\overset{''}{.}6$	3.08351	443.07996	14.902	15.661	16.240	13.727	0.120	0.041	4.269	FO
168269	$5^h26^m02\overset{s}{.}18$	$-69^\circ52'10\overset{''}{.}0$	0.72922	444.91573	16.837	17.507	17.807	15.801	0.120	0.060	4.293	FO
176263	$5^h25^m41\overset{s}{.}36$	$-69^\circ50'52\overset{''}{.}7$	6.81389	439.72105	13.946	14.981	16.051	12.343	0.120	0.415	5.010	BR
176264	$5^h26^m06\overset{s}{.}39$	$-69^\circ50'24\overset{''}{.}6$	7.29458	440.31389	14.301	15.129	15.875	13.017	0.120	0.312	5.417	FU
176266	$5^h25^m40\overset{s}{.}74$	$-69^\circ50'13\overset{''}{.}5$	8.80196	439.87795	14.295	15.249	16.085	12.819	0.120	0.229	5.939	FU
176276	$5^h26^m08\overset{s}{.}08$	$-69^\circ51'31\overset{''}{.}7$	5.60185	443.41627	14.623	15.428	16.092	13.375	0.120	0.400	4.860	FU
176307	$5^h25^m44\overset{s}{.}65$	$-69^\circ49'46\overset{''}{.}6$	2.97632	444.48446	14.637	15.265	15.747	13.665	0.120	0.070	4.694	FO
176354	$5^h25^m41\overset{s}{.}22$	$-69^\circ50'52\overset{''}{.}5$	6.81587	439.56372	15.728	16.530	17.073	14.485	0.120	0.343	5.166	FA
194399	$5^h26^m15\overset{s}{.}89$	$-69^\circ42'04\overset{''}{.}6$	5.04519	444.40628	14.620	15.290	15.822	13.584	0.105	0.417	4.787	FU
203556	$5^h26^m17\overset{s}{.}66$	$-69^\circ40'02\overset{''}{.}6$	3.19095	442.44358	14.606	15.238	15.722	13.628	0.105	0.089	3.651	FO
203564	$5^h25^m59\overset{s}{.}90$	$-69^\circ39'36\overset{''}{.}4$	2.81381	444.44021	14.811	15.457	15.917	13.810	0.105	0.056	3.864	FO
219811	$5^h25^m45\overset{s}{.}54$	$-69^\circ31'14\overset{''}{.}3$	6.31046	440.81233	14.516	15.341	16.068	13.239	0.118	0.217	5.111	FU
234256	$5^h25^m54\overset{s}{.}22$	$-69^\circ26'52\overset{''}{.}9$	1.30851	444.63422	17.063	17.619	17.898	16.201	0.118	0.545	4.460	FA
245640	$5^h26^m58\overset{s}{.}50$	$-70^\circ15'49\overset{''}{.}0$	4.15738	444.36486	15.051	15.824	16.478	13.853	0.130	0.404	4.646	FU
257644	$5^h26^m38\overset{s}{.}19$	$-70^\circ09'01\overset{''}{.}4$	3.13230	443.35174	15.444	16.205	16.823	14.266	0.130	0.406	4.552	FU
257661	$5^h26^m33\overset{s}{.}51$	$-70^\circ06'56\overset{''}{.}0$	2.18459	444.99737	15.448	16.245	16.860	14.215	0.130	0.098	4.829	FO
257687	$5^h26^m52\overset{s}{.}44$	$-70^\circ08'28\overset{''}{.}6$	2.70653	444.07974	15.601	16.352	16.937	14.438	0.130	0.473	4.465	FU
264185	$5^h26^m55\overset{s}{.}95$	$-70^\circ04'47\overset{''}{.}3$	7.17089	439.00115	14.376	15.231	15.963	13.052	0.130	0.360	5.226	FU
271200	$5^h26^m56\overset{s}{.}02$	$-69^\circ58'48\overset{''}{.}7$	28.09916	432.32328	12.675	13.660	14.611	11.148	0.120	0.394	5.112	FU
271225	$5^h26^m55\overset{s}{.}60$	$-70^\circ01'03\overset{''}{.}9$	4.94263	444.50497	14.615	15.338	15.923	13.496	0.120	0.427	4.581	FU
272276	$5^h26^m27\overset{s}{.}29$	$-69^\circ58'56\overset{''}{.}9$	1.26372	444.28508	17.261	17.856	18.214	16.339	0.120	0.496	4.537	FA
287407	$5^h26^m25\overset{s}{.}60$	$-69^\circ53'20\overset{''}{.}6$	3.20784	442.08472	14.484	15.073	15.542	13.571	0.120	0.064	2.988	FO
287408	$5^h26^m19\overset{s}{.}73$	$-69^\circ53'18\overset{''}{.}5$	2.23768	443.96235	15.046	15.635	16.062	14.133	0.120	0.136	4.647	FO
295932	$5^h26^m48\overset{s}{.}88$	$-69^\circ51'33\overset{''}{.}6$	4.16628	441.63659	14.338	14.996	15.570	13.320	0.120	0.249	4.111	FO
295958	$5^h26^m18\overset{s}{.}17$	$-69^\circ48'33\overset{''}{.}4$	5.28458	441.49304	14.591	15.357	16.050	13.403	0.120	0.398	4.764	FU
295966	$5^h26^m44\overset{s}{.}81$	$-69^\circ48'09\overset{''}{.}6$	7.51664	442.40546	14.219	14.954	15.621	13.082	0.120	0.248	5.432	FU
296000	$5^h26^m31\overset{s}{.}90$	$-69^\circ50'26\overset{''}{.}9$	4.13355	443.50669	14.939	15.629	16.254	13.871	0.120	0.398	4.675	FU
296023	$5^h26^m36\overset{s}{.}26$	$-69^\circ49'18\overset{''}{.}3$	3.54545	444.94859	15.194	15.904	16.544	14.094	0.120	0.401	4.555	FU
296040	$5^h26^m19\overset{s}{.}18$	$-69^\circ48'08\overset{''}{.}7$	4.04370	441.30443	14.998	15.714	16.357	13.889	0.120	0.373	4.633	FU
296047	$5^h26^m29\overset{s}{.}00$	$-69^\circ51'20\overset{''}{.}0$	3.08651	442.48017	15.298	15.951	16.482	14.287	0.120	0.428	4.460	FU
305691	$5^h26^m50\overset{s}{.}13$	$-69^\circ45'52\overset{''}{.}9$	7.45743	443.64407	14.173	14.970	15.675	12.937	0.105	0.334	5.110	FU
305701	$5^h26^m44\overset{s}{.}71$	$-69^\circ48'04\overset{''}{.}6$	5.99939	439.70120	14.665	15.483	–	13.398	0.105	0.198	4.304	FO
314629	$5^h26^m29\overset{s}{.}16$	$-69^\circ44'18\overset{''}{.}1$	4.15579	441.37029	14.892	15.588	16.181	13.815	0.105	0.391	4.605	FU
331610	$5^h26^m22\overset{s}{.}71$	$-69^\circ36'07\overset{''}{.}5$	7.75408	440.38317	13.999	14.736	15.353	12.857	0.105	0.308	5.128	FU
346169	$5^h26^m23\overset{s}{.}64$	$-69^\circ27'01\overset{''}{.}4$	3.89528	444.15239	14.465	15.157	15.737	13.394	0.118	0.173	3.732	FO
363465	$5^h27^m10\overset{s}{.}93$	$-70^\circ14'03\overset{''}{.}1$	3.16597	444.45920	15.135	15.821	16.324	14.073	0.130	0.402	4.347	FU
369698	$5^h27^m28\overset{s}{.}78$	$-70^\circ10'31\overset{''}{.}0$	2.11649	444.10538	15.128	15.790	16.223	14.104	0.130	0.072	4.615	FO
369748	$5^h27^m30\overset{s}{.}36$	$-70^\circ10'46\overset{''}{.}3$	2.49486	443.61363	15.696	16.490	17.061	14.467	0.130	0.478	4.409	FU
391223	$5^h27^m15\overset{s}{.}16$	$-70^\circ00'46\overset{''}{.}5$	4.46457	443.25153	14.632	15.309	15.750	13.583	0.120	0.427	4.495	FU
391242	$5^h27^m03\overset{s}{.}66$	$-70^\circ01'33\overset{''}{.}9$	4.47607	441.03856	14.916	15.708	16.314	13.690	0.120	0.245	4.600	FU
391255	$5^h27^m21\overset{s}{.}19$	$-70^\circ00'39\overset{''}{.}2$	3.47904	442.50816	14.667	15.435	16.019	13.476	0.120	0.105	3.645	FO
391365	$5^h27^m17\overset{s}{.}28$	$-69^\circ58'52\overset{''}{.}9$	1.58177	444.16887	16.103	16.761	17.244	15.085	0.120	0.420	4.247	FU
399359	$5^h27^m37\overset{s}{.}73$	$-69^\circ57'52\overset{''}{.}4$	4.01450	444.53513	14.297	14.961	15.479	13.270	0.120	0.127	3.566	FO
399429	$5^h27^m37\overset{s}{.}09$	$-69^\circ56'26\overset{''}{.}8$	3.70882	444.91386	15.163	16.061	16.647	13.772	0.120	0.380	4.654	FU
399434	$5^h27^m11\overset{s}{.}45$	$-69^\circ56'13\overset{''}{.}4$	2.59668	442.59705	14.857	15.493	15.934	13.874	0.120	0.043	3.759	FO
408738	$5^h27^m36\overset{s}{.}82$	$-69^\circ53'42\overset{''}{.}8$	7.32026	443.12864	14.028	14.831	15.499	12.783	0.120	0.358	5.222	FU
408742	$5^h27^m21\overset{s}{.}41$	$-69^\circ52'19\overset{''}{.}4$	7.07075	438.18394	14.208	14.996	15.653	12.988	0.120	0.298	5.244	FU
417847	$5^h27^m34\overset{s}{.}14$	$-69^\circ51'22\overset{''}{.}4$	7.49402	439.97483	13.870	14.625	15.243	12.701	0.120	0.411	4.959	FU
417848	$5^h26^m59\overset{s}{.}59$	$-69^\circ51'10\overset{''}{.}4$	5.88305	442.73212	14.373	15.114	15.726	13.225	0.120	0.422	4.844	FU
417850	$5^h27^m23\overset{s}{.}10$	$-69^\circ50'57\overset{''}{.}9$	7.37301	439.02644	14.303	15.157	15.895	12.981	0.120	0.273	5.633	FU
417853	$5^h27^m05\overset{s}{.}12$	$-69^\circ50'44\overset{''}{.}4$	8.07404	440.06037	14.036	14.814	15.476	12.831	0.120	0.221	5.460	FU
417864	$5^h27^m32\overset{s}{.}76$	$-69^\circ49'14\overset{''}{.}8$	4.58446	440.42349	14.076	14.792	15.381	12.967	0.120	0.183	4.326	FO
427313	$5^h27^m00\overset{s}{.}88$	$-69^\circ47'46\overset{''}{.}7$	0.67413	444.59279	16.881	17.476	17.886	15.959	0.105	0.134	3.246	FO
436115	$5^h27^m17\overset{s}{.}59$	$-69^\circ44'25\overset{''}{.}7$	2.73682	442.60966	15.394	16.181	16.793	14.175	0.105	0.384	4.442	FU
444352	$5^h27^m11\overset{s}{.}85$	$-69^\circ40'45\overset{''}{.}1$	1.46360	443.64480	15.941	16.623	17.147	14.885	0.105	0.165	4.740	FO
452813	$5^h27^m12\overset{s}{.}26$	$-69^\circ37'19\overset{''}{.}6$	1.54589	443.64930	16.729	17.321	17.619	15.811	0.105	0.549	4.533	FA

Table 3

Continued

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
461188	$5^h27^m06\overset{s}{.}47$	$-69^\circ32'32\overset{''}{.}2$	25.40999	429.79485	17.882	18.908	19.952	16.292	0.118	0.259	3.777	FA
462268	$5^h27^m05\overset{s}{.}84$	$-69^\circ31'35\overset{''}{.}8$	18.93282	431.94980	18.355	19.378	20.100	16.770	0.118	0.382	5.129	FA
				LMC_SC5								
12	$5^h22^m29\overset{s}{.}51$	$-70^\circ09'14\overset{''}{.}9$	3.23227	442.70858	15.323	16.226	–	13.925	0.130	0.453	4.578	FU
16	$5^h22^m29\overset{s}{.}04$	$-70^\circ09'10\overset{''}{.}4$	3.16732	442.08470	15.197	16.027	–	13.910	0.130	0.460	4.549	FU
19	$5^h22^m30\overset{s}{.}04$	$-70^\circ08'59\overset{''}{.}6$	2.97304	444.02105	15.486	16.266	16.902	14.278	0.130	0.486	4.534	FU
63	$5^h22^m30\overset{s}{.}25$	$-70^\circ09'14\overset{''}{.}0$	3.35425	443.01060	15.629	16.634	–	14.073	0.130	0.445	4.661	FU
93	$5^h22^m52\overset{s}{.}13$	$-70^\circ07'47\overset{''}{.}4$	2.75104	444.17205	15.492	16.177	16.700	14.431	0.130	0.448	4.477	FU
94	$5^h22^m52\overset{s}{.}97$	$-70^\circ07'46\overset{''}{.}2$	2.66854	444.93735	15.387	15.957	16.371	14.504	0.130	0.480	4.451	FU
6197	$5^h22^m27\overset{s}{.}02$	$-70^\circ05'14\overset{''}{.}2$	2.71916	443.64259	15.561	16.361	17.023	14.321	0.130	0.412	4.499	FU
12934	$5^h22^m40\overset{s}{.}30$	$-70^\circ00'39\overset{''}{.}6$	4.83109	443.96687	14.803	15.634	16.292	13.514	0.130	0.426	4.779	FU
13053	$5^h22^m41\overset{s}{.}18$	$-69^\circ58'43\overset{''}{.}3$	2.65592	442.69038	15.621	16.426	16.948	14.373	0.130	0.466	4.507	FU
13161	$5^h22^m39\overset{s}{.}87$	$-69^\circ59'57\overset{''}{.}5$	18.76287	438.92028	16.625	17.782	18.815	14.834	0.130	0.000	–	FA
19786	$5^h22^m34\overset{s}{.}94$	$-69^\circ55'43\overset{''}{.}6$	3.56713	443.70726	15.072	15.804	16.343	13.939	0.130	0.437	4.531	FU
19806	$5^h22^m39\overset{s}{.}29$	$-69^\circ58'09\overset{''}{.}6$	2.58067	443.68159	15.571	16.314	16.842	14.420	0.130	0.456	4.446	FU
26913	$5^h22^m27\overset{s}{.}44$	$-69^\circ53'24\overset{''}{.}4$	5.73854	444.31113	14.622	15.559	16.299	13.171	0.115	0.337	4.994	FU
26915	$5^h22^m50\overset{s}{.}68$	$-69^\circ53'20\overset{''}{.}2$	5.62565	439.58896	14.792	15.702	16.473	13.383	0.115	0.384	5.017	FU
26917	$5^h22^m56\overset{s}{.}09$	$-69^\circ53'00\overset{''}{.}6$	8.22125	441.33920	15.204	16.333	17.314	13.456	0.115	0.114	5.637	FA
27004	$5^h22^m42\overset{s}{.}90$	$-69^\circ52'16\overset{''}{.}4$	1.68116	444.15557	15.811	16.608	17.200	14.575	0.115	0.149	4.542	FO
41272	$5^h23^m01\overset{s}{.}19$	$-69^\circ44'59\overset{''}{.}6$	6.01317	439.04535	14.521	15.348	16.135	13.241	0.115	0.144	4.978	FO
41285	$5^h22^m52\overset{s}{.}02$	$-69^\circ47'30\overset{''}{.}9$	4.33283	442.77850	14.906	15.716	16.365	13.651	0.115	0.426	4.503	FU
49713	$5^h22^m48\overset{s}{.}41$	$-69^\circ42'45\overset{''}{.}7$	3.66119	441.55763	15.010	15.703	16.271	13.937	0.115	0.411	4.561	FU
58237	$5^h22^m40\overset{s}{.}75$	$-69^\circ40'28\overset{''}{.}2$	3.81884	441.95224	14.983	15.705	16.314	13.865	0.108	0.385	4.581	FU
58244	$5^h22^m31\overset{s}{.}89$	$-69^\circ39'56\overset{''}{.}1$	2.08008	444.04715	15.344	16.068	16.658	14.223	0.108	0.057	4.665	FO
67063	$5^h22^m41\overset{s}{.}89$	$-69^\circ35'05\overset{''}{.}4$	7.39390	438.82166	14.217	15.060	15.831	12.911	0.108	0.295	5.468	FU
67261	$5^h22^m34\overset{s}{.}05$	$-69^\circ37'14\overset{''}{.}1$	0.94713	444.31508	16.378	17.059	17.447	15.323	0.108	0.149	3.679	FO
75989	$5^h22^m29\overset{s}{.}61$	$-69^\circ32'59\overset{''}{.}7$	2.23832	443.79213	15.113	15.791	16.314	14.063	0.108	0.097	5.016	FO
76001	$5^h23^m00\overset{s}{.}72$	$-69^\circ32'17\overset{''}{.}6$	3.06673	443.51815	15.153	15.753	16.189	14.224	0.108	0.416	4.397	FU
76136	$5^h22^m40\overset{s}{.}46$	$-69^\circ30'30\overset{''}{.}7$	2.44415	442.62507	15.662	16.330	16.963	14.629	0.108	0.440	4.526	FU
92750	$5^h22^m58\overset{s}{.}38$	$-69^\circ25'20\overset{''}{.}6$	20.96696	433.30820	16.914	17.430	17.577	16.114	0.133	0.000	–	FA
99563	$5^h22^m56\overset{s}{.}38$	$-69^\circ19'58\overset{''}{.}9$	3.34573	444.02933	15.173	15.877	16.454	14.084	0.133	0.409	4.558	FU
99645	$5^h22^m48\overset{s}{.}13$	$-69^\circ20'03\overset{''}{.}3$	2.65611	444.17444	15.644	16.362	16.944	14.532	0.133	0.341	4.467	FU
106159	$5^h22^m54\overset{s}{.}05$	$-69^\circ18'58\overset{''}{.}4$	4.61999	444.31734	14.832	15.600	16.267	13.641	0.133	0.419	4.803	FU
106184	$5^h23^m04\overset{s}{.}83$	$-69^\circ16'57\overset{''}{.}6$	5.06341	441.53173	14.757	15.536	16.260	13.550	0.133	0.342	4.893	FU
118857	$5^h23^m09\overset{s}{.}15$	$-70^\circ06'37\overset{''}{.}7$	2.78684	443.35099	15.491	16.269	16.876	14.286	0.130	0.382	4.459	FU
118861	$5^h23^m14\overset{s}{.}18$	$-70^\circ06'24\overset{''}{.}4$	2.99676	443.77183	15.445	16.178	16.785	14.311	0.130	0.427	4.541	FU
124645	$5^h23^m14\overset{s}{.}43$	$-70^\circ03'13\overset{''}{.}1$	3.34851	443.91582	15.367	16.144	16.787	14.163	0.130	0.441	4.680	FU
131209	$5^h23^m39\overset{s}{.}29$	$-70^\circ00'14\overset{''}{.}2$	4.48370	444.96062	14.867	15.605	16.249	13.723	0.130	0.392	4.718	FU
131307	$5^h23^m06\overset{s}{.}80$	$-69^\circ59'18\overset{''}{.}6$	1.74751	443.83329	15.677	16.377	16.894	14.594	0.130	0.122	4.810	FO
138031	$5^h23^m31\overset{s}{.}09$	$-69^\circ58'18\overset{''}{.}7$	2.68111	442.50234	14.814	15.374	15.757	13.946	0.130	0.071	4.403	FO
138033	$5^h23^m09\overset{s}{.}54$	$-69^\circ58'08\overset{''}{.}7$	4.06416	443.03777	15.153	15.939	16.607	13.936	0.130	0.322	4.690	FU
138037	$5^h23^m38\overset{s}{.}03$	$-69^\circ57'53\overset{''}{.}5$	5.49220	444.99330	14.731	15.524	16.188	13.503	0.130	0.394	4.925	FU
145264	$5^h23^m19\overset{s}{.}43$	$-69^\circ53'35\overset{''}{.}3$	5.73165	441.77573	14.408	15.090	15.592	13.352	0.115	0.439	4.775	FU
145323	$5^h23^m15\overset{s}{.}98$	$-69^\circ53'58\overset{''}{.}1$	2.53844	444.80215	15.682	16.392	16.914	14.582	0.115	0.456	4.330	FU
169480	$5^h23^m33\overset{s}{.}28$	$-69^\circ43'39\overset{''}{.}8$	1.64317	444.45900	15.665	16.330	16.859	14.636	0.115	0.069	4.524	FO
193998	$5^h23^m07\overset{s}{.}82$	$-69^\circ33'50\overset{''}{.}0$	1.31288	443.87828	16.126	16.833	17.360	15.030	0.108	0.533	4.133	FU
201322	$5^h23^m35\overset{s}{.}44$	$-69^\circ27'38\overset{''}{.}0$	4.93953	442.88721	14.756	15.505	16.210	13.596	0.108	0.338	4.814	FU
201368	$5^h23^m11\overset{s}{.}82$	$-69^\circ28'41\overset{''}{.}5$	1.57432	443.93700	15.818	16.486	–	14.785	0.108	0.123	4.454	FO
220851	$5^h23^m29\overset{s}{.}15$	$-69^\circ18'37\overset{''}{.}7$	19.16700	438.88425	13.138	14.070	14.986	11.694	0.133	0.265	5.038	FU
238336	$5^h23^m52\overset{s}{.}33$	$-70^\circ03'30\overset{''}{.}0$	3.40961	442.28024	15.299	16.080	16.694	14.089	0.130	0.427	4.586	FU
251617	$5^h24^m04\overset{s}{.}29$	$-69^\circ58'20\overset{''}{.}0$	2.07537	443.48096	16.010	16.740	17.238	14.880	0.130	0.472	4.435	FU
267078	$5^h24^m19\overset{s}{.}42$	$-69^\circ50'41\overset{''}{.}0$	3.94091	442.58120	14.283	14.925	15.432	13.288	0.115	0.000	–	FO
267138	$5^h24^m21\overset{s}{.}44$	$-69^\circ48'30\overset{''}{.}5$	6.02080	440.93035	14.418	15.170	15.808	13.253	0.115	0.388	4.999	FU
267140	$5^h24^m06\overset{s}{.}56$	$-69^\circ48'22\overset{''}{.}2$	4.82018	442.16826	14.787	15.590	16.282	13.542	0.115	0.293	4.689	FU
275320	$5^h24^m20\overset{s}{.}30$	$-69^\circ46'24\overset{''}{.}7$	3.66130	444.10632	14.356	14.994	15.459	13.370	0.115	0.044	3.260	FO
275412	$5^h24^m25\overset{s}{.}64$	$-69^\circ46'19\overset{''}{.}1$	2.37496	443.48611	15.668	16.361	16.931	14.595	0.115	0.443	4.420	FU
283844	$5^h24^m24\overset{s}{.}79$	$-69^\circ42'30\overset{''}{.}4$	6.37661	438.80265	14.563	15.402	16.127	13.263	0.115	0.167	5.026	FO
300245	$5^h24^m25\overset{s}{.}36$	$-69^\circ36'12\overset{''}{.}8$	2.35853	444.98888	14.958	15.542	15.992	14.052	0.108	0.119	4.664	FO
300293	$5^h24^m17\overset{s}{.}17$	$-69^\circ37'14\overset{''}{.}9$	1.44358	444.27848	15.754	16.339	16.793	14.847	0.108	0.161	4.240	FO
315434	$5^h24^m13\overset{s}{.}58$	$-69^\circ30'01\overset{''}{.}7$	13.12514	432.46948	13.781	–	15.673	–	0.108	0.068	3.972	FU
323141	$5^h23^m56\overset{s}{.}01$	$-69^\circ25'30\overset{''}{.}1$	1.96668	443.58844	17.807	18.651	19.375	16.499	0.133	0.159	5.233	FA
327787	$5^h23^m53\overset{s}{.}68$	$-69^\circ20'50\overset{''}{.}4$	3.89853	443.85972	14.909	15.606	16.115	13.831	0.133	0.402	4.513	FU
338247	$5^h23^m51\overset{s}{.}38$	$-69^\circ13'55\overset{''}{.}6$	3.32076	444.97280	15.388	16.183	16.804	14.158	0.133	0.435	4.588	FU
343036	$5^h25^m04\overset{s}{.}27$	$-70^\circ06'29\overset{''}{.}4$	5.00672	442.15802	14.835	15.739	16.514	13.435	0.130	0.278	4.858	FU
349510	$5^h24^m50\overset{s}{.}43$	$-70^\circ03'57\overset{''}{.}6$	2.43523	443.96107	14.860	15.479	15.882	13.900	0.130	0.065	4.572	FO
356870	$5^h24^m52\overset{s}{.}83$	$-70^\circ00'55\overset{''}{.}5$	2.93873	442.66469	15.482	16.280	16.888	14.245	0.130	0.322	4.451	FU
364380	$5^h24^m33\overset{s}{.}79$	$-69^\circ56'21\overset{''}{.}9$	5.85315	439.81277	13.956	14.687	15.216	12.825	0.130	0.102	5.704	FO
372083	$5^h24^m34\overset{s}{.}06$	$-69^\circ54'48\overset{''}{.}6$	5.67416	442.21699	14.629	15.474	16.139	13.320	0.115	0.430	4.918	FU
399066	$5^h24^m35\overset{s}{.}01$	$-69^\circ44'19\overset{''}{.}8$	5.40730	442.52121	14.579	15.393	16.045	13.318	0.115	0.354	4.771	FU
399077	$5^h24^m56\overset{s}{.}07$	$-69^\circ43'52\overset{''}{.}6$	3.77933	444.67802	14.949	15.676	16.233	13.824	0.115	0.376	4.579	FU

Table 3

Continued

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
399079	$5^h24^m41\overset{s}{.}54$	$-69^\circ43'31\overset{''}{.}9$	3.95347	443.87493	14.925	15.630	16.121	13.832	0.115	0.440	4.530	FU
399097	$5^h24^m45\overset{s}{.}40$	$-69^\circ42'00\overset{''}{.}8$	4.07161	443.85809	14.832	15.544	16.053	13.729	0.115	0.426	4.439	FU
416554	$5^h24^m33\overset{s}{.}42$	$-69^\circ36'40\overset{''}{.}2$	7.77074	444.57915	13.951	14.702	15.244	12.788	0.108	0.324	5.185	FU
424993	$5^h25^m02\overset{s}{.}79$	$-69^\circ32'08\overset{''}{.}5$	1.38240	444.88888	15.866	16.566	17.076	14.783	0.108	0.112	4.226	FO
432746	$5^h24^m44\overset{s}{.}04$	$-69^\circ30'26\overset{''}{.}8$	6.69708	438.42054	14.397	15.229	15.914	13.107	0.108	0.341	5.338	FU
432811	$5^h24^m55\overset{s}{.}38$	$-69^\circ29'32\overset{''}{.}3$	1.13065	444.98097	15.957	16.600	17.052	14.961	0.108	0.191	3.828	FO
451420	$5^h24^m59\overset{s}{.}13$	$-69^\circ18'15\overset{''}{.}5$	0.74854	444.90216	16.657	17.294	17.687	15.672	0.133	0.232	3.673	FO
455916	$5^h24^m57\overset{s}{.}16$	$-69^\circ13'32\overset{''}{.}8$	9.56961	439.89357	13.970	14.913	–	12.510	0.133	0.193	5.024	FU
				LMC_SC6								
11	$5^h20^m23\overset{s}{.}09$	$-70^\circ02'33\overset{''}{.}1$	6.48199	442.29193	14.366	15.126	15.759	13.190	0.138	0.396	5.241	FU
27321	$5^h20^m06\overset{s}{.}01$	$-69^\circ51'02\overset{''}{.}6$	0.51358	444.80807	17.223	17.952	18.346	16.095	0.125	0.104	2.648	FO
40971	$5^h20^m05\overset{s}{.}12$	$-69^\circ42'39\overset{''}{.}6$	1.90654	443.92972	15.447	16.161	16.775	14.341	0.125	0.117	4.768	FO
66530	$5^h20^m37\overset{s}{.}50$	$-69^\circ30'56\overset{''}{.}6$	8.69372	442.84074	13.966	14.706	15.419	12.819	0.107	0.185	5.387	FU
66641	$5^h20^m31\overset{s}{.}30$	$-69^\circ32'14\overset{''}{.}0$	2.71388	444.00445	15.483	16.111	16.640	14.511	0.107	0.472	4.520	FU
67038	$5^h20^m17\overset{s}{.}35$	$-69^\circ30'11\overset{''}{.}3$	4.12283	444.13111	15.123	15.676	16.464	14.265	0.107	0.496	4.461	FA
75997	$5^h20^m19\overset{s}{.}23$	$-69^\circ26'45\overset{''}{.}8$	2.95020	442.44420	14.568	15.128	15.597	13.700	0.107	0.000	–	FO
85035	$5^h20^m03\overset{s}{.}62$	$-69^\circ25'01\overset{''}{.}2$	1.73684	443.75238	15.429	16.068	16.628	14.441	0.107	0.147	4.523	FO
85348	$5^h20^m24\overset{s}{.}71$	$-69^\circ24'26\overset{''}{.}0$	20.09245	430.31280	16.271	17.364	18.363	14.578	0.107	0.000	–	FA
86027	$5^h20^m02\overset{s}{.}64$	$-69^\circ23'54\overset{''}{.}2$	0.40354	444.87352	17.563	18.111	18.562	16.713	0.107	0.232	2.840	FO
102424	$5^h19^m58\overset{s}{.}84$	$-69^\circ19'15\overset{''}{.}4$	4.79637	444.55948	14.559	–	–	–	0.123	0.424	4.752	FU
102475	$5^h20^m04\overset{s}{.}63$	$-69^\circ16'50\overset{''}{.}9$	3.35922	443.46177	15.072	15.753	16.306	14.017	0.123	0.414	4.470	FU
110701	$5^h20^m12\overset{s}{.}85$	$-69^\circ13'07\overset{''}{.}3$	18.31313	441.18106	16.992	17.664	18.169	15.953	0.123	0.000	–	FA
118107	$5^h20^m00\overset{s}{.}06$	$-69^\circ10'25\overset{''}{.}4$	15.54830	439.97770	13.667	14.873	–	11.798	0.123	0.307	5.063	FU
118148	$5^h20^m20\overset{s}{.}71$	$-69^\circ12'21\overset{''}{.}0$	10.52246	435.56057	16.132	17.042	17.846	14.723	0.123	0.150	1.502	FA
130073	$5^h20^m43\overset{s}{.}50$	$-69^\circ58'23\overset{''}{.}2$	1.99746	443.62180	15.520	16.230	16.747	14.420	0.138	0.214	5.234	FO
130129	$5^h21^m15\overset{s}{.}57$	$-70^\circ00'26\overset{''}{.}7$	1.74146	444.69765	16.805	18.294	19.449	14.498	0.138	0.119	4.633	FO
135695	$5^h20^m44\overset{s}{.}35$	$-69^\circ57'15\overset{''}{.}7$	1.86498	444.52006	15.497	16.115	16.633	14.539	0.138	0.137	4.678	FO
135716	$5^h20^m46\overset{s}{.}60$	$-69^\circ55'25\overset{''}{.}4$	2.83883	444.90803	14.830	15.511	16.092	13.775	0.138	0.061	5.203	FO
135720	$5^h21^m17\overset{s}{.}49$	$-69^\circ55'04\overset{''}{.}2$	5.48026	440.33404	15.048	16.055	16.961	13.489	0.138	0.377	4.938	FU
135722	$5^h20^m55\overset{s}{.}05$	$-69^\circ54'59\overset{''}{.}4$	1.88902	443.41746	15.593	16.297	16.871	14.504	0.138	0.125	5.058	FO
149017	$5^h21^m15\overset{s}{.}12$	$-69^\circ49'33\overset{''}{.}9$	6.41560	440.69143	14.289	14.995	15.598	13.195	0.126	0.405	5.022	FU
149023	$5^h20^m56\overset{s}{.}08$	$-69^\circ48'20\overset{''}{.}5$	6.39017	444.24626	14.277	14.984	15.603	13.181	0.126	0.405	4.968	FU
149048	$5^h20^m38\overset{s}{.}86$	$-69^\circ49'00\overset{''}{.}6$	2.26109	443.99238	15.249	15.952	16.517	14.162	0.125	0.105	4.868	FO
149085	$5^h20^m45\overset{s}{.}84$	$-69^\circ50'15\overset{''}{.}8$	3.19340	443.89459	15.461	16.253	16.914	14.235	0.125	0.395	4.543	FU
156009	$5^h20^m59\overset{s}{.}14$	$-69^\circ46'32\overset{''}{.}0$	3.88564	444.44699	15.126	15.809	16.377	14.068	0.125	0.468	4.656	FU
156035	$5^h20^m59\overset{s}{.}75$	$-69^\circ45'28\overset{''}{.}7$	1.67056	443.86199	15.619	16.188	16.611	14.738	0.125	0.155	4.344	FO
170439	$5^h21^m05\overset{s}{.}21$	$-69^\circ40'36\overset{''}{.}1$	4.26399	443.75614	15.210	16.007	16.692	13.974	0.126	0.378	4.806	FU
179065	$5^h20^m42\overset{s}{.}44$	$-69^\circ35'10\overset{''}{.}8$	1.28091	444.19544	16.001	16.608	17.042	15.061	0.107	0.151	4.128	FO
179066	$5^h21^m04\overset{s}{.}68$	$-69^\circ35'05\overset{''}{.}6$	1.36431	444.56305	15.849	16.498	17.060	14.844	0.107	0.134	4.381	FO
214270	$5^h20^m52\overset{s}{.}47$	$-69^\circ21'13\overset{''}{.}9$	2.37270	444.53879	14.959	15.505	15.909	14.114	0.123	0.111	4.800	FO
215189	$5^h20^m41\overset{s}{.}11$	$-69^\circ20'39\overset{''}{.}1$	10.14732	436.22273	17.382	18.497	19.285	15.654	0.123	0.117	4.167	FA
236501	$5^h20^m55\overset{s}{.}15$	$-69^\circ09'55\overset{''}{.}8$	0.62865	444.39866	16.837	17.412	17.855	15.947	0.123	0.174	2.803	FO
242669	$5^h21^m49\overset{s}{.}23$	$-70^\circ04'34\overset{''}{.}5$	24.83793	423.32728	15.244	15.893	16.552	14.239	0.138	0.392	5.671	FA
242748	$5^h21^m21\overset{s}{.}93$	$-70^\circ02'48\overset{''}{.}9$	2.85193	444.39411	15.704	16.535	17.177	14.415	0.138	0.454	4.481	FU
242764	$5^h21^m40\overset{s}{.}54$	$-70^\circ02'01\overset{''}{.}4$	2.60608	444.48253	15.924	16.793	17.480	14.577	0.138	0.481	4.510	FU
248240	$5^h21^m47\overset{s}{.}04$	$-69^\circ59'49\overset{''}{.}0$	1.69515	444.53044	15.770	16.500	17.024	14.640	0.138	0.200	4.378	FO
248263	$5^h21^m32\overset{s}{.}05$	$-69^\circ58'49\overset{''}{.}4$	1.66405	444.28901	16.153	17.070	17.797	14.734	0.138	0.105	5.016	FO
253982	$5^h21^m42\overset{s}{.}26$	$-69^\circ56'21\overset{''}{.}2$	2.88334	443.72075	15.070	15.478	15.648	14.439	0.138	0.452	4.510	FU
254054	$5^h21^m24\overset{s}{.}54$	$-69^\circ56'34\overset{''}{.}2$	3.09206	442.57315	15.577	16.391	17.037	14.316	0.138	0.453	4.543	FU
254057	$5^h21^m22\overset{s}{.}65$	$-69^\circ56'28\overset{''}{.}2$	3.38313	443.41709	15.613	16.519	17.241	14.210	0.138	0.445	4.564	FU
254091	$5^h21^m30\overset{s}{.}10$	$-69^\circ55'12\overset{''}{.}0$	2.93396	444.13409	15.827	16.727	17.437	14.433	0.138	0.458	4.538	FU
254530	$5^h21^m19\overset{s}{.}79$	$-69^\circ56'56\overset{''}{.}3$	1.26602	444.93725	17.751	18.249	18.476	16.980	0.138	0.291	4.504	FA
260688	$5^h21^m37\overset{s}{.}31$	$-69^\circ52'51\overset{''}{.}2$	3.01606	444.09650	15.512	16.259	16.756	14.355	0.138	0.505	4.463	FU
262021	$5^h21^m48\overset{s}{.}27$	$-69^\circ53'06\overset{''}{.}1$	18.53205	439.75747	18.265	19.293	20.186	16.672	0.138	0.225	5.586	FA
267289	$5^h21^m32\overset{s}{.}19$	$-69^\circ50'31\overset{''}{.}4$	1.84575	443.19386	15.555	16.232	16.745	14.506	0.126	0.180	4.411	FO
267410	$5^h21^m50\overset{s}{.}43$	$-69^\circ49'59\overset{''}{.}4$	0.88863	444.49611	16.588	17.232	17.813	15.590	0.126	0.167	3.635	FO
273862	$5^h21^m50\overset{s}{.}44$	$-69^\circ45'58\overset{''}{.}0$	2.91870	444.81652	14.699	15.553	16.278	13.377	0.125	0.346	4.525	BR
280559	$5^h21^m20\overset{s}{.}19$	$-69^\circ40'54\overset{''}{.}9$	1.62104	444.38726	15.486	16.033	16.435	14.637	0.126	0.215	4.122	FO
287443	$5^h21^m52\overset{s}{.}68$	$-69^\circ39'59\overset{''}{.}6$	3.40050	441.71779	14.487	15.077	15.549	13.572	0.125	0.072	3.953	FO
296003	$5^h21^m52\overset{s}{.}81$	$-69^\circ36'22\overset{''}{.}4$	3.86933	441.99393	15.164	15.904	16.655	14.017	0.107	0.346	4.613	FU
296014	$5^h21^m40\overset{s}{.}67$	$-69^\circ35'52\overset{''}{.}9$	2.63001	443.63695	14.796	15.325	15.765	13.976	0.107	0.000	–	FO
313781	$5^h21^m45\overset{s}{.}98$	$-69^\circ27'26\overset{''}{.}4$	1.88168	444.27505	15.404	16.068	16.642	14.377	0.107	0.156	4.448	FO
330185	$5^h21^m55\overset{s}{.}04$	$-69^\circ21'50\overset{''}{.}5$	2.48103	442.79616	14.531	15.212	15.706	13.476	0.123	0.083	4.086	BR
330218	$5^h21^m47\overset{s}{.}38$	$-69^\circ20'41\overset{''}{.}1$	4.19084	443.79962	14.689	15.550	16.232	13.354	0.123	0.235	4.133	FO
330443	$5^h21^m56\overset{s}{.}19$	$-69^\circ20'56\overset{''}{.}2$	0.72166	444.69697	16.558	17.259	17.829	15.474	0.123	0.174	3.239	BR
337291	$5^h21^m56\overset{s}{.}15$	$-69^\circ19'06\overset{''}{.}8$	3.11760	444.86996	15.367	16.095	16.672	14.240	0.123	0.391	4.502	FU
337379	$5^h21^m37\overset{s}{.}37$	$-69^\circ16'46\overset{''}{.}7$	1.59560	444.72885	15.834	16.522	17.081	14.769	0.123	0.164	4.488	FO
350603	$5^h21^m18\overset{s}{.}99$	$-69^\circ11'47\overset{''}{.}5$	11.40947	433.66696	16.044	16.798	17.320	14.876	0.123	0.486	4.636	FA
356421	$5^h22^m27\overset{s}{.}02$	$-70^\circ05'14\overset{''}{.}3$	2.71909	443.69550	15.578	16.361	16.959	14.365	0.138	0.431	4.480	FU
356428	$5^h22^m12\overset{s}{.}38$	$-70^\circ04'31\overset{''}{.}4$	3.90219	444.13751	15.052	15.850	16.472	13.815	0.138	0.449	4.659	FU

Table 3

Continued

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
363181	$5^h22^m15\overset{s}{.}65$	$-70^\circ01'15\overset{''}{.}6$	1.91686	444.70113	15.530	16.265	16.791	14.391	0.138	0.121	4.640	FO
363194	$5^h22^m14\overset{s}{.}38$	$-70^\circ00'29\overset{''}{.}7$	2.79732	442.84828	14.815	15.527	16.092	13.712	0.138	0.030	5.021	FO
363198	$5^h22^m16\overset{s}{.}92$	$-70^\circ00'18\overset{''}{.}2$	3.24923	442.68557	15.379	16.171	16.743	14.153	0.138	0.458	4.548	FU
363832	$5^h22^m08\overset{s}{.}65$	$-70^\circ00'11\overset{''}{.}0$	0.38960	444.75339	17.624	18.232	18.643	16.683	0.138	0.222	2.888	FO
369970	$5^h22^m34\overset{s}{.}95$	$-69^\circ55'43\overset{''}{.}5$	3.56717	443.69675	15.044	15.786	16.352	13.894	0.138	0.438	4.503	FU
369993	$5^h22^m39\overset{s}{.}31$	$-69^\circ58'09\overset{''}{.}5$	2.58070	443.70279	15.534	16.289	16.957	14.365	0.138	0.460	4.405	FU
370053	$5^h22^m08\overset{s}{.}31$	$-69^\circ55'36\overset{''}{.}6$	3.09197	442.36585	15.469	16.279	16.948	14.214	0.138	0.373	4.480	FU
377026	$5^h22^m27\overset{s}{.}43$	$-69^\circ53'24\overset{''}{.}4$	5.73913	444.22041	14.627	15.513	16.227	13.256	0.138	0.315	4.960	FU
377097	$5^h22^m02\overset{s}{.}28$	$-69^\circ53'41\overset{''}{.}0$	3.01105	444.65536	15.673	16.560	17.214	14.301	0.138	0.448	4.570	FU
377104	$5^h22^m12\overset{s}{.}28$	$-69^\circ53'35\overset{''}{.}3$	2.85850	443.23236	16.191	17.449	18.403	14.243	0.138	0.409	4.470	FU
384159	$5^h22^m25\overset{s}{.}71$	$-69^\circ49'29\overset{''}{.}4$	2.57456	442.63659	15.511	16.243	16.820	14.378	0.125	0.421	4.439	FU
397681	$5^h21^m59\overset{s}{.}82$	$-69^\circ43'08\overset{''}{.}3$	2.98850	442.58060	15.352	16.072	16.600	14.237	0.125	0.403	4.541	FU
404591	$5^h22^m19\overset{s}{.}50$	$-69^\circ37'54\overset{''}{.}9$	6.63242	438.43255	14.201	14.973	15.643	13.004	0.126	0.415	4.925	FU
404601	$5^h22^m31\overset{s}{.}89$	$-69^\circ39'56\overset{''}{.}0$	2.08020	443.96018	15.365	16.067	16.650	14.279	0.125	0.092	4.922	FO
405017	$5^h22^m34\overset{s}{.}06$	$-69^\circ37'14\overset{''}{.}0$	0.94716	444.30040	16.379	17.002	17.574	15.413	0.125	0.213	3.702	FO
405078	$5^h22^m05\overset{s}{.}92$	$-69^\circ40'24\overset{''}{.}8$	1.20913	444.63244	17.663	18.573	19.084	16.254	0.125	0.271	4.351	FA
422324	$5^h22^m29\overset{s}{.}62$	$-69^\circ32'59\overset{''}{.}6$	2.23825	443.72420	15.135	15.785	16.315	14.128	0.107	0.104	5.014	FO
422348	$5^h22^m12\overset{s}{.}63$	$-69^\circ31'06\overset{''}{.}4$	5.63875	443.91906	14.581	15.306	15.894	13.459	0.107	0.363	5.104	FU
431558	$5^h22^m23\overset{s}{.}42$	$-69^\circ29'50\overset{''}{.}0$	2.24761	444.31615	15.007	15.579	15.971	14.121	0.107	0.124	4.654	FO
440314	$5^h22^m21\overset{s}{.}03$	$-69^\circ23'36\overset{''}{.}4$	3.71218	443.89619	15.140	15.941	16.576	13.898	0.107	0.341	4.658	FU
440325	$5^h22^m13\overset{s}{.}12$	$-69^\circ26'25\overset{''}{.}4$	1.15102	444.75832	16.235	16.947	17.473	15.132	0.107	0.166	3.864	FO
447868	$5^h22^m02\overset{s}{.}07$	$-69^\circ22'46\overset{''}{.}6$	3.26794	444.96711	15.331	16.110	16.719	14.124	0.123	0.416	4.604	FU
455072	$5^h22^m00\overset{s}{.}52$	$-69^\circ17'33\overset{''}{.}1$	1.80719	444.60610	15.207	15.761	16.134	14.348	0.123	0.075	4.778	FO
				LMC_SC7								
6475	$5^h17^m55\overset{s}{.}36$	$-69^\circ45'46\overset{''}{.}4$	8.45920	438.46783	13.924	14.633	15.218	12.825	0.143	0.227	5.010	FU
6477	$5^h17^m38\overset{s}{.}52$	$-69^\circ45'19\overset{''}{.}4$	5.57530	444.70565	14.479	15.233	15.897	13.311	0.143	0.417	4.769	FU
6487	$5^h17^m35\overset{s}{.}80$	$-69^\circ48'13\overset{''}{.}3$	2.78737	444.96775	15.498	16.236	16.805	14.354	0.143	0.451	4.523	FU
6499	$5^h17^m56\overset{s}{.}43$	$-69^\circ47'21\overset{''}{.}3$	3.04584	442.95021	15.425	16.142	16.717	14.315	0.143	0.457	4.570	FU
14056	$5^h17^m51\overset{s}{.}29$	$-69^\circ43'55\overset{''}{.}7$	4.53213	440.56470	13.320	14.014	14.591	12.246	0.143	0.154	3.851	BR
14079	$5^h18^m00\overset{s}{.}96$	$-69^\circ44'11\overset{''}{.}1$	3.21399	443.37433	14.688	15.342	15.862	13.675	0.143	0.040	4.111	FO
14108	$5^h17^m40\overset{s}{.}21$	$-69^\circ41'54\overset{''}{.}1$	2.67689	443.58284	14.906	15.590	16.175	13.847	0.143	0.047	4.639	FO
21803	$5^h17^m41\overset{s}{.}27$	$-69^\circ41'26\overset{''}{.}0$	3.34031	442.87204	15.249	16.017	16.699	14.058	0.143	0.267	4.473	FU
21841	$5^h17^m56\overset{s}{.}63$	$-69^\circ38'53\overset{''}{.}5$	4.81308	442.24754	14.816	15.580	16.280	13.634	0.143	0.391	4.846	FU
21940	$5^h18^m06\overset{s}{.}67$	$-69^\circ39'00\overset{''}{.}5$	3.79062	444.88430	15.259	16.027	16.671	14.068	0.143	0.410	4.662	FU
30165	$5^h18^m01\overset{s}{.}36$	$-69^\circ37'15\overset{''}{.}2$	3.39528	443.33377	14.495	15.129	15.651	13.514	0.138	0.000	–	FO
30189	$5^h17^m44\overset{s}{.}80$	$-69^\circ35'59\overset{''}{.}0$	1.90513	443.89393	15.190	15.750	16.184	14.322	0.138	0.197	4.542	FO
30199	$5^h17^m55\overset{s}{.}09$	$-69^\circ34'55\overset{''}{.}2$	4.10536	441.92826	14.977	15.709	16.347	13.844	0.138	0.430	4.753	FU
30200	$5^h17^m56\overset{s}{.}56$	$-69^\circ34'53\overset{''}{.}1$	3.28632	442.74251	15.121	15.755	16.220	14.140	0.138	0.390	4.498	FU
38692	$5^h17^m40\overset{s}{.}78$	$-69^\circ32'43\overset{''}{.}1$	2.48133	444.20548	14.878	15.474	15.978	13.955	0.138	0.117	4.710	FO
47332	$5^h17^m42\overset{s}{.}52$	$-69^\circ30'32\overset{''}{.}7$	2.41714	444.25791	14.930	15.535	16.005	13.993	0.138	0.070	4.625	FO
47466	$5^h17^m50\overset{s}{.}04$	$-69^\circ28'29\overset{''}{.}3$	1.30877	444.48131	16.335	16.959	17.511	15.368	0.138	0.484	4.075	FU
55964	$5^h18^m03\overset{s}{.}87$	$-69^\circ25'36\overset{''}{.}0$	6.73433	444.10686	14.305	15.060	15.752	13.136	0.138	0.393	5.079	FU
55965	$5^h17^m31\overset{s}{.}85$	$-69^\circ25'11\overset{''}{.}4$	5.38312	440.37416	14.394	14.993	15.556	13.466	0.138	0.375	4.651	FU
64918	$5^h17^m41\overset{s}{.}71$	$-69^\circ21'31\overset{''}{.}5$	3.36583	444.00860	15.624	16.549	17.289	14.191	0.142	0.422	4.608	FU
79610	$5^h17^m35\overset{s}{.}81$	$-69^\circ16'01\overset{''}{.}4$	3.28909	444.68411	15.322	16.112	16.803	14.099	0.142	0.426	4.568	FU
79631	$5^h18^m03\overset{s}{.}63$	$-69^\circ15'14\overset{''}{.}1$	2.48512	443.01920	15.792	16.469	17.011	14.743	0.142	0.432	4.560	FU
86332	$5^h17^m30\overset{s}{.}84$	$-69^\circ12'02\overset{''}{.}5$	3.07787	444.76700	15.152	15.854	16.412	14.066	0.142	0.409	4.403	FU
93939	$5^h17^m35\overset{s}{.}39$	$-69^\circ09'17\overset{''}{.}5$	3.41987	442.44651	15.127	15.851	16.535	14.006	0.146	0.348	4.609	FU
120458	$5^h18^m07\overset{s}{.}25$	$-69^\circ49'44\overset{''}{.}9$	2.83181	444.86005	15.572	16.252	16.889	14.519	0.143	0.463	4.500	FU
126780	$5^h18^m29\overset{s}{.}69$	$-69^\circ48'41\overset{''}{.}1$	2.98019	444.74114	15.596	16.419	17.035	14.322	0.143	0.389	4.581	FU
126816	$5^h18^m08\overset{s}{.}90$	$-69^\circ45'44\overset{''}{.}8$	2.76160	442.50162	14.824	15.448	15.969	13.857	0.143	0.101	4.211	FO
126926	$5^h18^m08\overset{s}{.}74$	$-69^\circ45'23\overset{''}{.}0$	2.20564	443.35917	15.814	16.500	16.996	14.752	0.143	0.434	4.282	FU
127752	$5^h18^m35\overset{s}{.}83$	$-69^\circ45'45\overset{''}{.}8$	1.16728	444.00076	18.021	18.503	18.899	17.276	0.143	0.216	4.490	FA
134363	$5^h18^m13\overset{s}{.}77$	$-69^\circ42'21\overset{''}{.}0$	2.69339	443.72271	14.897	15.537	16.091	13.908	0.143	0.041	4.793	FO
134411	$5^h18^m17\overset{s}{.}91$	$-69^\circ43'27\overset{''}{.}8$	15.84419	437.07235	15.669	16.501	17.232	14.379	0.143	0.121	0.107	FA
142153	$5^h18^m41\overset{s}{.}99$	$-69^\circ38'23\overset{''}{.}2$	6.45673	444.40728	14.531	15.351	16.020	13.261	0.143	0.415	4.995	FU
142893	$5^h18^m39\overset{s}{.}16$	$-69^\circ38'36\overset{''}{.}8$	17.80781	427.90341	17.283	18.025	18.392	16.133	0.143	0.000	–	FA
149485	$5^h18^m39\overset{s}{.}00$	$-69^\circ35'16\overset{''}{.}7$	3.26787	442.38156	15.385	16.114	16.762	14.257	0.138	0.392	4.575	FU
149541	$5^h18^m35\overset{s}{.}54$	$-69^\circ36'03\overset{''}{.}6$	1.42276	444.78427	15.578	16.064	16.418	14.824	0.138	0.180	3.946	FO
157350	$5^h18^m33\overset{s}{.}63$	$-69^\circ32'15\overset{''}{.}9$	2.34265	444.70641	15.183	15.836	16.352	14.172	0.138	0.106	4.754	FO
157381	$5^h18^m29\overset{s}{.}08$	$-69^\circ34'01\overset{''}{.}6$	3.48190	442.88757	15.618	16.474	17.209	14.293	0.138	0.428	4.601	FU
165501	$5^h18^m28\overset{s}{.}17$	$-69^\circ27'46\overset{''}{.}1$	4.37815	440.90495	15.019	15.815	16.550	13.787	0.138	0.232	4.728	FU
174573	$5^h18^m41\overset{s}{.}07$	$-69^\circ25'16\overset{''}{.}4$	3.76557	444.39097	15.540	16.445	17.198	14.139	0.138	0.414	4.641	FU
184038	$5^h18^m22\overset{s}{.}20$	$-69^\circ21'47\overset{''}{.}5$	13.51351	434.62084	13.561	14.499	15.413	12.109	0.142	0.129	4.745	FU
192212	$5^h18^m26\overset{s}{.}95$	$-69^\circ19'27\overset{''}{.}6$	2.41249	444.85037	15.036	15.620	16.165	14.130	0.142	0.110	4.633	FO
214432	$5^h18^m45\overset{s}{.}75$	$-69^\circ06'32\overset{''}{.}8$	2.17651	444.15002	15.204	15.898	16.425	14.130	0.146	0.129	4.572	FO
228382	$5^h18^m31\overset{s}{.}67$	$-68^\circ59'34\overset{''}{.}6$	27.75581	418.08767	17.441	18.551	19.581	15.720	0.146	0.412	4.155	FA
234267	$5^h18^m44\overset{s}{.}82$	$-68^\circ57'14\overset{''}{.}7$	1.03822	444.57855	16.463	17.125	17.607	15.439	0.146	0.216	4.089	FO
239698	$5^h19^m26\overset{s}{.}55$	$-69^\circ51'51\overset{''}{.}1$	17.50730	429.56430	15.145	15.824	16.347	14.093	0.143	0.337	5.508	FA
262785	$5^h19^m15\overset{s}{.}44$	$-69^\circ41'28\overset{''}{.}6$	5.58236	444.53343	14.615	15.413	16.155	13.378	0.143	0.294	4.866	FU

T a b l e 3

Continued

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
262801	$5^h19^m02\overset{s}{.}67$	$-69^\circ40'10\overset{''}{.}2$	5.50738	444.55471	14.425	15.087	15.637	13.401	0.143	0.414	4.698	FU
262813	$5^h18^m51\overset{s}{.}17$	$-69^\circ39'13\overset{''}{.}1$	4.20540	442.85065	14.875	15.557	16.190	13.819	0.143	0.401	4.615	FU
270379	$5^h19^m14\overset{s}{.}92$	$-69^\circ36'18\overset{''}{.}2$	13.28339	435.74090	13.407	14.210	14.969	12.162	0.138	0.222	4.964	FU
278113	$5^h18^m56\overset{s}{.}49$	$-69^\circ34'02\overset{''}{.}7$	3.72421	444.02462	15.175	15.916	16.537	14.027	0.138	0.407	4.619	FU
286532	$5^h19^m27\overset{s}{.}88$	$-69^\circ30'30\overset{''}{.}3$	21.60845	444.64855	12.993	14.027	15.108	11.392	0.138	0.154	4.083	FU
286535	$5^h19^m17\overset{s}{.}30$	$-69^\circ30'25\overset{''}{.}2$	5.10046	442.34426	14.696	15.444	16.007	13.537	0.138	0.410	4.772	FU
295263	$5^h18^m56\overset{s}{.}07$	$-69^\circ26'27\overset{''}{.}7$	1.98396	444.22438	16.074	16.821	17.444	14.917	0.138	0.431	4.274	FU
295775	$5^h18^m58\overset{s}{.}93$	$-69^\circ26'47\overset{''}{.}9$	1.25797	444.37363	17.178	17.805	18.254	16.208	0.138	0.340	4.390	FA
303743	$5^h19^m07\overset{s}{.}40$	$-69^\circ22'56\overset{''}{.}5$	3.49735	443.29751	15.185	15.858	16.509	14.144	0.142	0.401	4.526	FU
303837	$5^h18^m49\overset{s}{.}22$	$-69^\circ21'29\overset{''}{.}4$	2.96047	443.46350	15.350	15.996	16.544	14.349	0.142	0.421	4.454	FU
303841	$5^h19^m02\overset{s}{.}17$	$-69^\circ21'17\overset{''}{.}8$	2.72814	444.77648	15.643	16.354	16.980	14.541	0.142	0.350	4.506	FU
311535	$5^h19^m25\overset{s}{.}52$	$-69^\circ18'26\overset{''}{.}8$	4.32379	444.14237	14.373	15.111	15.706	13.229	0.142	0.170	4.117	FO
318528	$5^h19^m15\overset{s}{.}93$	$-69^\circ14'45\overset{''}{.}8$	5.57234	439.52090	14.630	15.383	16.043	13.464	0.142	0.426	4.997	FU
318535	$5^h18^m58\overset{s}{.}31$	$-69^\circ16'46\overset{''}{.}3$	3.78799	444.25498	15.230	16.005	16.681	14.029	0.142	0.394	4.609	FU
318572	$5^h18^m50\overset{s}{.}36$	$-69^\circ16'36\overset{''}{.}4$	3.64694	441.86758	15.169	15.860	16.396	14.099	0.142	0.414	4.605	FU
325281	$5^h19^m01\overset{s}{.}90$	$-69^\circ12'56\overset{''}{.}8$	1.93168	444.57586	15.205	15.754	16.185	14.353	0.142	0.170	4.552	FO
325360	$5^h19^m00\overset{s}{.}62$	$-69^\circ11'30\overset{''}{.}4$	2.64961	443.25720	15.643	16.343	16.953	14.560	0.142	0.305	4.392	FU
331967	$5^h19^m23\overset{s}{.}38$	$-69^\circ09'54\overset{''}{.}3$	3.29933	443.77995	15.483	16.307	16.981	14.207	0.146	0.411	4.590	FU
332035	$5^h18^m58\overset{s}{.}88$	$-69^\circ06'32\overset{''}{.}6$	2.93890	444.46092	15.884	16.754	17.440	14.535	0.146	0.424	4.591	FU
344559	$5^h18^m56\overset{s}{.}27$	$-69^\circ02'20\overset{''}{.}9$	2.06312	443.78126	15.387	16.097	16.668	14.287	0.146	0.159	4.714	FO
356873	$5^h20^m06\overset{s}{.}03$	$-69^\circ51'02\overset{''}{.}6$	0.51360	444.80918	17.200	17.857	18.532	16.183	0.143	0.152	2.578	FO
363953	$5^h19^m44\overset{s}{.}64$	$-69^\circ46'34\overset{''}{.}3$	2.04151	444.87823	15.188	15.822	16.274	14.207	0.143	0.133	4.687	FO
372083	$5^h20^m05\overset{s}{.}12$	$-69^\circ42'39\overset{''}{.}6$	1.90663	443.88032	15.444	16.181	16.768	14.302	0.143	0.125	4.849	FO
388032	$5^h19^m38\overset{s}{.}13$	$-69^\circ37'44\overset{''}{.}6$	5.66859	444.44616	14.574	15.414	16.113	13.272	0.138	0.369	4.898	FU
388163	$5^h19^m32\overset{s}{.}38$	$-69^\circ36'34\overset{''}{.}0$	1.91369	444.65412	15.772	16.607	17.243	14.478	0.138	0.129	4.816	FO
397050	$5^h19^m40\overset{s}{.}48$	$-69^\circ34'19\overset{''}{.}2$	3.53205	441.73935	15.360	16.087	16.678	14.235	0.138	0.210	4.738	FU
406371	$5^h19^m31\overset{s}{.}64$	$-69^\circ29'09\overset{''}{.}0$	2.19281	444.92055	15.148	15.790	16.266	14.156	0.138	0.142	4.905	FO
415723	$5^h20^m03\overset{s}{.}60$	$-69^\circ25'01\overset{''}{.}3$	1.73676	443.75881	15.418	16.091	16.627	14.375	0.138	0.159	4.406	FO
424850	$5^h19^m43\overset{s}{.}88$	$-69^\circ22'53\overset{''}{.}9$	3.08814	443.25615	14.583	15.171	15.645	13.671	0.142	0.098	3.669	FO
424890	$5^h19^m41\overset{s}{.}14$	$-69^\circ23'49\overset{''}{.}9$	2.61978	443.48054	15.458	16.188	16.835	14.328	0.142	0.372	4.354	FU
424946	$5^h19^m38\overset{s}{.}23$	$-69^\circ22'00\overset{''}{.}7$	3.10548	442.78083	15.387	16.099	16.767	14.284	0.142	0.320	4.621	FU
425296	$5^h20^m02\overset{s}{.}63$	$-69^\circ23'54\overset{''}{.}3$	0.40354	444.87720	17.537	18.112	18.594	16.647	0.142	0.154	2.784	FO
432869	$5^h19^m58\overset{s}{.}84$	$-69^\circ19'15\overset{''}{.}4$	4.79696	444.59469	14.565	15.240	15.715	13.519	0.142	0.434	4.750	FU
440072	$5^h20^m04\overset{s}{.}64$	$-69^\circ16'50\overset{''}{.}9$	3.35898	443.50195	15.068	15.789	16.360	13.952	0.142	0.428	4.416	FU
440093	$5^h19^m53\overset{s}{.}87$	$-69^\circ15'26\overset{''}{.}6$	3.15579	444.89914	14.755	15.536	16.201	13.545	0.142	0.000	–	FO
447509	$5^h20^m00\overset{s}{.}06$	$-69^\circ10'25\overset{''}{.}5$	15.54851	440.00875	13.671	14.779	15.757	11.955	0.142	0.296	5.118	FU
447521	$5^h19^m47\overset{s}{.}14$	$-69^\circ12'29\overset{''}{.}3$	4.73475	442.62612	14.852	15.676	16.393	13.576	0.142	0.337	4.818	FU
447530	$5^h19^m28\overset{s}{.}12$	$-69^\circ11'31\overset{''}{.}5$	4.50969	444.50472	15.274	16.228	17.007	13.798	0.142	0.219	4.786	FU
460292	$5^h19^m32\overset{s}{.}27$	$-69^\circ04'47\overset{''}{.}2$	1.27491	444.44430	16.614	17.357	17.880	15.463	0.146	0.407	4.151	FU
472701	$5^h19^m30\overset{s}{.}45$	$-68^\circ57'36\overset{''}{.}9$	5.10290	443.45550	14.627	15.446	16.050	13.359	0.146	0.424	4.711	FU
472718	$5^h19^m39\overset{s}{.}15$	$-68^\circ58'40\overset{''}{.}4$	1.19021	444.72647	16.242	16.977	17.512	15.103	0.146	0.185	4.182	FO
				LMC_SC8								
21319	$5^h15^m10\overset{s}{.}94$	$-69^\circ32'23\overset{''}{.}0$	5.42859	440.73741	14.440	15.146	15.693	13.346	0.133	0.449	4.748	FU
27430	$5^h15^m20\overset{s}{.}06$	$-69^\circ26'24\overset{''}{.}2$	3.91829	444.51569	15.062	15.769	16.350	13.966	0.133	0.463	4.744	FU
33629	$5^h15^m10\overset{s}{.}53$	$-69^\circ22'58\overset{''}{.}3$	7.88292	438.87427	14.104	14.954	15.707	12.787	0.133	0.320	5.460	FU
33692	$5^h15^m03\overset{s}{.}34$	$-69^\circ25'25\overset{''}{.}2$	1.87650	443.88409	15.943	16.624	17.144	14.888	0.133	0.474	4.326	FU
33708	$5^h15^m20\overset{s}{.}56$	$-69^\circ24'42\overset{''}{.}9$	3.21865	443.14807	15.327	16.170	16.722	14.021	0.133	0.377	4.463	FU
39745	$5^h15^m25\overset{s}{.}84$	$-69^\circ20'27\overset{''}{.}6$	6.89000	441.24680	14.463	15.308	16.048	13.154	0.133	0.208	5.245	FU
52582	$5^h15^m18\overset{s}{.}87$	$-69^\circ13'32\overset{''}{.}1$	7.97858	442.82983	14.130	14.958	15.732	12.846	0.136	0.272	5.527	FU
52604	$5^h15^m28\overset{s}{.}32$	$-69^\circ13'57\overset{''}{.}9$	4.43522	443.42233	14.963	15.714	16.418	13.800	0.136	0.290	4.681	FU
52641	$5^h15^m11\overset{s}{.}54$	$-69^\circ15'07\overset{''}{.}7$	3.18348	443.57556	15.326	16.106	16.774	14.118	0.136	0.201	4.383	FU
52668	$5^h15^m04\overset{s}{.}76$	$-69^\circ13'30\overset{''}{.}8$	2.29822	444.67268	15.270	15.994	16.554	14.149	0.136	0.086	5.035	FO
64709	$5^h15^m02\overset{s}{.}48$	$-69^\circ07'43\overset{''}{.}0$	5.39627	440.93161	14.605	15.456	16.229	13.287	0.136	0.345	4.848	FU
64724	$5^h15^m24\overset{s}{.}77$	$-69^\circ06'20\overset{''}{.}3$	4.62280	443.34956	14.914	15.717	16.402	13.669	0.136	0.399	4.761	FU
64734	$5^h15^m37\overset{s}{.}34$	$-69^\circ08'16\overset{''}{.}5$	3.53975	443.36233	15.263	16.039	16.697	14.061	0.136	0.324	4.522	FU
64736	$5^h15^m16\overset{s}{.}95$	$-69^\circ08'09\overset{''}{.}1$	3.44635	444.66728	15.148	15.905	16.500	13.976	0.136	0.416	4.573	FU
70430	$5^h15^m21\overset{s}{.}50$	$-69^\circ05'01\overset{''}{.}2$	4.07425	444.22413	14.315	15.169	15.839	12.993	0.142	0.416	4.381	BR
70457	$5^h15^m06\overset{s}{.}88$	$-69^\circ01'39\overset{''}{.}3$	3.27744	443.61863	14.605	15.314	15.872	13.506	0.142	0.120	3.417	FO
76174	$5^h15^m09\overset{s}{.}33$	$-68^\circ58'49\overset{''}{.}3$	2.90619	442.43915	14.658	15.308	15.828	13.651	0.142	0.075	4.590	FO
76176	$5^h15^m01\overset{s}{.}23$	$-68^\circ58'45\overset{''}{.}5$	2.46017	444.78291	14.812	15.480	15.904	13.779	0.142	0.091	4.434	FO
76179	$5^h15^m05\overset{s}{.}25$	$-68^\circ58'39\overset{''}{.}1$	2.46242	443.09468	14.925	15.611	16.115	13.863	0.142	0.083	4.730	FO
82008	$5^h15^m08\overset{s}{.}72$	$-68^\circ54'53\overset{''}{.}6$	1.15217	444.75646	17.834	18.338	18.632	17.054	0.142	0.322	4.650	FA
86096	$5^h15^m13\overset{s}{.}70$	$-68^\circ52'50\overset{''}{.}2$	3.82230	444.32857	15.081	15.900	16.583	13.813	0.142	0.295	4.570	FU
95310	$5^h15^m58\overset{s}{.}15$	$-69^\circ42'43\overset{''}{.}7$	7.90667	441.87064	14.364	15.210	16.015	13.053	0.131	0.173	6.129	FU
100541	$5^h15^m58\overset{s}{.}71$	$-69^\circ38'08\overset{''}{.}8$	1.41211	444.78013	15.986	16.662	17.192	14.939	0.131	0.184	4.296	FO
111955	$5^h16^m09\overset{s}{.}97$	$-69^\circ32'39\overset{''}{.}6$	10.25259	442.54806	13.891	14.727	15.569	12.595	0.133	0.105	1.137	FU
111959	$5^h16^m00\overset{s}{.}33$	$-69^\circ32'17\overset{''}{.}6$	8.67357	439.09302	14.005	14.824	15.664	12.737	0.133	0.242	5.473	FU
112083	$5^h15^m37\overset{s}{.}55$	$-69^\circ30'29\overset{''}{.}4$	2.98282	443.80385	15.164	15.660	16.004	14.395	0.133	0.446	4.598	FU
112084	$5^h15^m49\overset{s}{.}95$	$-69^\circ30'28\overset{''}{.}9$	3.24218	444.02148	15.295	15.987	16.595	14.224	0.133	0.387	4.561	FU

T a b l e 3

Continued

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
118587	$5^h16^m06^s55$	$-69^\circ28'25.''3$	6.16522	441.57690	14.387	15.074	15.696	13.323	0.133	0.427	4.944	FU
118595	$5^h15^m52^s55$	$-69^\circ28'16.''2$	6.45160	440.43021	14.430	15.224	15.969	13.201	0.133	0.353	5.110	FU
118657	$5^h16^m03^s39$	$-69^\circ28'28.''3$	1.66408	444.84690	15.323	15.853	16.260	14.502	0.133	0.228	4.361	FO
132537	$5^h15^m45^s59$	$-69^\circ22'03.''2$	4.28705	443.70672	14.938	15.718	16.337	13.730	0.133	0.350	4.419	FU
132547	$5^h16^m07^s42$	$-69^\circ20'47.''4$	3.59942	443.01841	14.494	15.114	15.623	13.533	0.133	0.159	3.766	FO
132583	$5^h15^m57^s11$	$-69^\circ21'46.''7$	4.15491	441.65867	15.153	15.967	16.664	13.892	0.133	0.381	4.608	FU
138878	$5^h16^m11^s12$	$-69^\circ18'05.''3$	2.55727	443.95564	15.132	15.858	16.431	14.008	0.136	0.061	4.535	FO
145094	$5^h15^m38^s46$	$-69^\circ15'20.''0$	7.28978	444.57857	14.178	14.933	15.552	13.009	0.136	0.353	5.296	FU
145100	$5^h16^m03^s95$	$-69^\circ14'52.''6$	6.77663	441.40440	14.675	15.581	16.401	13.272	0.136	0.279	5.389	FU
145110	$5^h15^m46^s08$	$-69^\circ14'30.''5$	3.44680	443.93145	15.267	15.978	16.558	14.165	0.136	0.411	4.529	FU
145136	$5^h16^m11^s90$	$-69^\circ15'26.''1$	2.81786	444.30604	15.482	16.184	16.773	14.396	0.136	0.395	4.432	FU
151151	$5^h16^m17^s66$	$-69^\circ09'19.''5$	2.03362	444.28845	15.322	15.945	16.493	14.356	0.136	0.162	4.487	FO
156629	$5^h15^m58^s13$	$-69^\circ05'13.''3$	2.28996	444.09202	15.085	15.691	16.134	14.147	0.136	0.084	5.015	FO
162069	$5^h15^m40^s58$	$-69^\circ04'28.''0$	11.08945	436.80420	13.809	14.699	15.605	12.432	0.142	0.063	2.366	FU
162072	$5^h15^m49^s09$	$-69^\circ04'19.''2$	4.37816	444.04311	14.250	14.918	15.439	13.217	0.142	0.159	4.410	FO
162087	$5^h16^m00^s00$	$-69^\circ04'29.''7$	4.81002	444.53249	14.777	15.515	16.129	13.633	0.142	0.408	4.704	FU
162101	$5^h16^m14^s79$	$-69^\circ02'32.''8$	2.91970	444.52602	14.826	15.469	15.969	13.830	0.142	0.079	3.485	FO
162104	$5^h15^m53^s87$	$-69^\circ02'23.''1$	2.78110	444.66911	14.892	15.555	16.092	13.866	0.142	0.048	4.543	FO
162155	$5^h15^m43^s76$	$-69^\circ02'55.''6$	2.29501	444.58915	15.737	16.422	16.977	14.676	0.142	0.455	4.408	FU
162176	$5^h16^m08^s10$	$-69^\circ01'52.''0$	3.48603	442.30064	15.187	15.926	16.534	14.042	0.142	0.423	4.631	FU
167797	$5^h16^m04^s64$	$-68^\circ59'50.''5$	5.68496	442.70903	14.592	15.404	16.115	13.334	0.142	0.341	4.995	FU
167854	$5^h15^m58^s33$	$-68^\circ58'13.''2$	3.02822	443.86685	15.318	16.008	16.522	14.250	0.142	0.432	4.413	FU
167984	$5^h15^m56^s22$	$-69^\circ01'29.''3$	1.31601	444.96662	17.179	17.813	18.225	16.198	0.142	0.431	4.457	FA
173028	$5^h16^m15^s84$	$-68^\circ57'43.''0$	3.08807	444.19856	15.253	15.950	16.496	14.175	0.142	0.379	4.422	FU
173034	$5^h16^m00^s52$	$-68^\circ57'07.''3$	2.89577	443.48328	15.527	16.272	16.865	14.373	0.142	0.335	4.607	FU
186984	$5^h16^m41^s34$	$-69^\circ42'41.''7$	2.38015	443.55185	15.026	15.578	16.108	14.170	0.131	0.089	4.834	FO
192761	$5^h16^m56^s52$	$-69^\circ39'19.''9$	3.97680	442.01084	15.051	15.765	16.457	13.945	0.131	0.405	4.686	FU
193607	$5^h16^m48^s83$	$-69^\circ40'00.''9$	16.83266	430.40382	18.059	19.315	20.257	16.114	0.131	0.265	3.850	FA
194670	$5^h16^m21^s55$	$-69^\circ36'59.''4$	1.21387	444.77899	17.776	18.061	18.460	17.335	0.131	0.285	5.096	FA
205092	$5^h16^m25^s81$	$-69^\circ29'54.''5$	4.20069	444.90506	14.218	14.862	15.414	13.220	0.133	0.150	3.690	FO
205108	$5^h16^m29^s23$	$-69^\circ32'08.''4$	3.51585	443.83084	14.495	15.128	15.650	13.516	0.133	0.146	3.589	FO
218916	$5^h16^m29^s21$	$-69^\circ24'09.''2$	6.71230	442.12206	16.192	17.212	17.954	14.611	0.133	0.262	5.015	FA
224901	$5^h16^m55^s01$	$-69^\circ19'50.''6$	7.52789	443.68551	14.189	15.010	15.739	12.918	0.133	0.312	5.124	FU
224912	$5^h16^m52^s78$	$-69^\circ22'04.''1$	4.71766	441.67762	14.948	15.763	16.486	13.686	0.133	0.345	4.829	FU
224941	$5^h16^m50^s66$	$-69^\circ19'29.''9$	3.86176	443.35356	14.381	15.003	15.482	13.417	0.133	0.219	3.893	FO
224964	$5^h16^m39^s19$	$-69^\circ21'43.''3$	2.86626	443.48130	15.345	16.265	16.987	13.922	0.133	0.000	–	FO
230925	$5^h16^m19^s73$	$-69^\circ18'20.''4$	7.67915	438.30493	14.291	15.219	16.088	12.853	0.136	0.256	5.443	FU
236976	$5^h16^m39^s70$	$-69^\circ14'35.''5$	1.27013	444.91167	15.954	16.544	16.982	15.039	0.136	0.185	4.357	FO
254032	$5^h16^m52^s79$	$-69^\circ01'56.''6$	9.20290	442.52549	14.029	14.860	15.575	12.740	0.142	0.119	5.368	FU
278827	$5^h17^m18^s55$	$-69^\circ41'47.''0$	1.25068	444.91577	16.043	16.673	17.181	15.068	0.131	0.172	4.356	FO
285174	$5^h17^m02^s12$	$-69^\circ38'51.''8$	4.87298	440.16574	13.815	14.545	15.190	12.685	0.131	0.185	4.003	BR
298699	$5^h17^m18^s18$	$-69^\circ32'59.''7$	4.79323	444.01190	14.642	15.410	16.071	13.451	0.133	0.286	4.547	FU
298804	$5^h17^m01^s26$	$-69^\circ30'35.''9$	3.56955	444.25872	15.255	16.023	16.704	14.064	0.133	0.412	4.572	FU
306227	$5^h17^m07^s60$	$-69^\circ27'34.''1$	1.77079	443.71489	17.796	18.351	–	16.935	0.133	0.316	5.249	FA
312191	$5^h17^m31^s87$	$-69^\circ25'11.''5$	5.38328	440.36729	14.381	15.017	15.564	13.398	0.133	0.492	4.795	FU
312226	$5^h16^m58^s77$	$-69^\circ23'38.''2$	6.15394	442.50291	14.627	15.497	16.346	13.278	0.133	0.259	5.092	FU
318671	$5^h17^m24^s85$	$-69^\circ20'57.''8$	8.17005	443.08395	13.852	14.579	15.192	12.727	0.133	0.267	5.158	FU
318777	$5^h17^m09^s92$	$-69^\circ20'54.''1$	1.76457	444.53548	15.597	16.285	16.809	14.532	0.133	0.162	4.409	FO
318794	$5^h16^m59^s97$	$-69^\circ20'06.''2$	3.60737	443.20825	15.436	16.284	17.040	14.122	0.133	0.328	4.597	FU
319101	$5^h17^m01^s88$	$-69^\circ22'03.''2$	0.65244	444.51511	16.983	17.898	18.518	15.567	0.133	0.280	3.541	BR
326025	$5^h17^m35^s81$	$-69^\circ16'01.''4$	3.28918	444.65344	15.310	–	16.881	–	0.136	0.441	4.660	FU
326028	$5^h17^m16^s65$	$-69^\circ15'41.''5$	1.41331	443.97546	15.769	16.394	16.846	14.800	0.136	0.091	4.354	FO
331753	$5^h17^m01^s57$	$-69^\circ15'14.''5$	2.88734	443.91091	15.739	16.637	17.300	14.348	0.136	0.447	4.415	FU
331762	$5^h17^m15^s27$	$-69^\circ14'52.''5$	2.05855	443.66224	15.925	16.863	17.728	14.473	0.136	0.076	4.737	FO
331780	$5^h17^m07^s60$	$-69^\circ13'37.''0$	3.02532	444.04795	15.478	16.283	16.896	14.230	0.136	0.412	4.451	FU
331791	$5^h17^m09^s72$	$-69^\circ13'14.''0$	2.90381	443.49091	15.534	16.312	17.025	14.329	0.136	0.421	4.534	FU
337497	$5^h17^m30^s83$	$-69^\circ12'02.''4$	3.07789	444.78581	15.163	15.826	16.388	14.137	0.136	0.414	4.409	FU
337513	$5^h17^m23^s43$	$-69^\circ11'03.''3$	2.97955	444.50518	15.272	15.970	16.560	14.192	0.136	0.365	4.427	FU
337546	$5^h17^m35^s40$	$-69^\circ09'17.''5$	3.41976	442.49707	15.122	–	16.678	–	0.136	0.344	4.561	FU
363511	$5^h17^m10^s10$	$-68^\circ52'19.''5$	0.92234	444.30269	16.550	17.218	17.754	15.517	0.142	0.143	3.780	FO
				LMC_SC9								
19849	$5^h12^m46^s12$	$-69^\circ26'18.''3$	1.45380	443.85078	15.948	16.672	–	14.827	0.165	0.146	4.330	FO
26114	$5^h12^m46^s91$	$-69^\circ21'21.''3$	1.07810	444.64060	16.293	16.997	–	15.204	0.165	0.151	3.658	FO
38558	$5^h12^m45^s66$	$-69^\circ16'03.''3$	3.03363	444.41675	15.518	16.342	–	14.242	0.165	0.382	4.556	FU
45301	$5^h12^m34^s87$	$-69^\circ12'34.''3$	3.99572	443.57818	15.069	15.922	–	13.748	0.156	0.429	4.698	FU
52800	$5^h12^m30^s52$	$-69^\circ07'16.''3$	1.18161	444.21817	17.937	18.546	–	16.994	0.156	0.243	4.349	FA
58697	$5^h12^m47^s13$	$-69^\circ06'09.''0$	6.87866	439.90021	14.130	14.917	–	12.911	0.156	0.384	4.865	FU
65304	$5^h12^m49^s86$	$-69^\circ00'50.''4$	9.99343	438.22702	13.690	14.521	–	12.401	0.156	0.165	5.383	FU
65307	$5^h13^m07^s95$	$-69^\circ03'09.''4$	9.30352	440.32061	14.003	14.857	–	12.681	0.156	0.217	6.052	FU

Table 3

Continued

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
65316	$5^h12^m56^s.89$	$-69^\circ01'43''.4$	4.42434	442.52227	14.216	14.943	–	13.091	0.156	0.181	4.179	FO
65386	$5^h12^m57^s.75$	$-69^\circ02'03''.9$	1.92847	443.51744	16.091	16.783	–	15.020	0.156	0.532	4.274	FU
71784	$5^h12^m56^s.30$	$-68^\circ57'52''.4$	3.48752	442.74370	15.201	15.914	–	14.096	0.149	0.430	4.604	FU
90526	$5^h13^m04^s.16$	$-68^\circ46'17''.9$	3.19764	442.96475	15.326	16.077	–	14.163	0.149	0.424	4.548	FU
140763	$5^h13^m28^s.22$	$-69^\circ11'52''.1$	2.32314	443.49067	15.116	15.767	–	14.108	0.156	0.122	4.500	FO
146976	$5^h13^m46^s.57$	$-69^\circ08'47''.8$	1.98730	443.16349	16.432	17.342	–	15.023	0.156	0.443	4.374	FU
153398	$5^h13^m31^s.09$	$-69^\circ06'27''.7$	0.94751	444.76843	16.434	17.100	–	15.404	0.156	0.161	3.598	FO
159993	$5^h13^m18^s.74$	$-69^\circ03'13''.7$	35.33761	428.25600	17.608	18.855	–	15.676	0.156	0.166	2.968	FA
166047	$5^h13^m33^s.75$	$-68^\circ57'07''.4$	2.77928	442.34260	15.512	16.273	–	14.334	0.149	0.435	4.455	FU
183616	$5^h13^m18^s.22$	$-68^\circ46'37''.1$	1.97522	443.74716	15.555	16.301	–	14.399	0.149	0.098	4.974	FO
198335	$5^h13^m52^s.91$	$-69^\circ34'48''.9$	5.19144	443.88001	15.106	16.044	–	13.654	0.143	0.340	4.988	FU
204218	$5^h14^m19^s.51$	$-69^\circ29'24''.4$	6.83291	442.08945	14.324	15.067	–	13.173	0.143	0.352	5.108	FU
210651	$5^h14^m25^s.66$	$-69^\circ25'02''.3$	4.45944	443.99124	14.331	15.062	–	13.200	0.165	0.184	4.653	FO
216934	$5^h13^m53^s.10$	$-69^\circ21'37''.4$	4.00097	443.75898	14.295	14.938	–	13.299	0.165	0.162	3.629	FO
216937	$5^h14^m11^s.49$	$-69^\circ21'26''.8$	3.82270	441.93119	14.356	14.965	–	13.413	0.165	0.152	3.481	FO
223837	$5^h14^m16^s.32$	$-69^\circ19'47''.6$	5.12530	444.18570	14.031	14.735	–	12.942	0.165	0.172	4.333	FO
223849	$5^h14^m18^s.95$	$-69^\circ20'45''.3$	2.25885	444.39257	15.331	16.014	–	14.273	0.165	0.129	4.886	FO
223916	$5^h14^m01^s.93$	$-69^\circ19'50''.9$	1.85809	444.78933	16.169	16.850	–	15.114	0.165	0.513	4.250	FU
230584	$5^h13^m56^s.89$	$-69^\circ15'56''.8$	4.39514	440.73271	14.463	15.216	–	13.297	0.165	0.207	4.650	FO
237192	$5^h13^m49^s.99$	$-69^\circ12'02''.6$	4.00835	444.76487	15.140	15.897	–	13.968	0.156	0.400	4.727	FU
250286	$5^h14^m06^s.39$	$-69^\circ04'26''.1$	4.90836	440.76094	14.581	15.274	–	13.508	0.156	0.429	4.564	FU
250306	$5^h13^m49^s.29$	$-69^\circ05'42''.6$	1.99022	443.24123	15.264	15.867	–	14.330	0.156	0.197	4.509	FO
250313	$5^h13^m50^s.52$	$-69^\circ05'01''.4$	3.35977	444.20537	15.233	15.969	–	14.092	0.156	0.451	4.492	FU
257189	$5^h14^m15^s.02$	$-69^\circ02'19''.7$	5.14870	444.92833	14.845	15.707	–	13.508	0.156	0.304	4.778	FU
257206	$5^h13^m56^s.49$	$-69^\circ00'55''.8$	2.91639	443.80427	15.531	16.296	–	14.347	0.156	0.441	4.535	FU
257262	$5^h14^m07^s.60$	$-69^\circ01'13''.1$	2.90817	444.68508	15.663	16.395	–	14.530	0.156	0.448	4.672	FU
263475	$5^h13^m57^s.80$	$-68^\circ59'02''.7$	2.03191	444.88078	15.286	16.079	–	14.058	0.149	0.200	4.156	FO
264013	$5^h14^m27^s.14$	$-68^\circ58'02''.2$	1.60931	443.63955	17.703	18.309	–	16.765	0.149	0.221	4.866	FA
269513	$5^h14^m11^s.14$	$-68^\circ55'34''.7$	3.51548	443.04875	14.610	–	–	–	0.149	0.129	3.569	FO
269545	$5^h14^m11^s.00$	$-68^\circ54'31''.6$	3.71317	444.00787	15.227	–	–	–	0.149	0.403	4.637	FU
304820	$5^h14^m42^s.71$	$-69^\circ30'56''.7$	2.42952	444.33541	14.830	15.438	–	13.889	0.143	0.114	4.581	FO
304869	$5^h14^m39^s.09$	$-69^\circ30'27''.9$	2.55341	444.07266	15.634	16.384	–	14.472	0.143	0.418	4.410	FU
326454	$5^h14^m45^s.99$	$-69^\circ19'58''.4$	3.36818	444.17553	15.236	15.974	–	14.092	0.165	0.404	4.501	FU
326516	$5^h14^m46^s.23$	$-69^\circ20'32''.0$	2.31107	444.13848	15.862	16.600	–	14.718	0.165	0.374	4.418	FU
342082	$5^h15^m04^s.77$	$-69^\circ13'30''.8$	2.29819	444.69330	15.267	15.984	–	14.157	0.156	0.079	5.434	FO
342099	$5^h14^m49^s.62$	$-69^\circ12'41''.1$	1.97100	444.95708	15.319	15.950	–	14.343	0.156	0.087	4.674	FO
349881	$5^h15^m02^s.48$	$-69^\circ07'43''.1$	5.39603	440.87303	14.614	15.496	–	13.249	0.156	0.346	4.949	FU
349918	$5^h14^m36^s.60$	$-69^\circ07'29''.2$	3.88027	443.97329	15.169	16.007	–	13.870	0.156	0.307	4.658	FU
357563	$5^h14^m43^s.53$	$-69^\circ04'26''.1$	2.61219	444.53399	14.904	15.576	–	13.865	0.156	0.069	4.641	FO
365050	$5^h14^m54^s.16$	$-69^\circ03'15''.5$	2.01206	443.25670	15.139	15.800	–	14.116	0.156	0.188	4.571	FO
372259	$5^h15^m01^s.21$	$-68^\circ58'45''.5$	2.46019	444.78880	14.846	15.474	–	13.874	0.149	0.067	5.006	FO
372261	$5^h15^m05^s.23$	$-68^\circ58'39''.1$	2.46226	443.13190	14.924	15.676	–	13.759	0.149	0.080	4.996	BR
372286	$5^h14^m57^s.10$	$-68^\circ56'38''.9$	3.17634	442.58109	15.301	16.132	–	14.012	0.149	0.411	4.484	FU
379131	$5^h14^m49^s.01$	$-68^\circ56'01''.9$	3.33832	444.88018	15.335	16.157	–	14.062	0.149	0.391	4.624	FU
379149	$5^h14^m29^s.65$	$-68^\circ54'35''.5$	3.83652	443.02006	15.205	16.033	–	13.921	0.149	0.409	4.687	FU
379150	$5^h14^m40^s.38$	$-68^\circ54'33''.4$	3.61618	442.93818	15.204	16.007	–	13.959	0.149	0.396	4.627	FU
385549	$5^h14^m50^s.91$	$-68^\circ50'28''.9$	2.31348	444.67092	15.237	15.984	–	14.080	0.149	0.000	–	FO
391734	$5^h14^m52^s.25$	$-68^\circ49'04''.0$	4.15370	442.79025	14.977	15.757	–	13.769	0.149	0.443	4.804	FU
				LMC_SC10								
8660	$5^h10^m26^s.66$	$-69^\circ29'52''.0$	2.15758	444.56890	15.442	16.228	–	14.225	0.156	0.123	4.891	FO
8695	$5^h10^m02^s.12$	$-69^\circ27'19''.1$	3.65546	443.28941	15.718	17.006	–	13.723	0.156	0.414	4.678	FU
17041	$5^h10^m17^s.99$	$-69^\circ22'05''.4$	0.60685	444.66595	16.384	17.280	–	14.996	0.147	0.256	3.428	BR
27261	$5^h10^m34^s.59$	$-69^\circ13'44''.1$	3.07489	443.70086	15.415	16.164	–	14.255	0.147	0.423	4.466	FU
31368	$5^h10^m23^s.86$	$-69^\circ10'10''.9$	1.95515	443.28483	15.520	16.262	–	14.370	0.147	0.085	4.200	FO
35590	$5^h10^m36^s.18$	$-69^\circ08'18''.0$	13.90912	433.40500	13.463	14.346	–	12.097	0.146	0.188	5.083	FU
35605	$5^h09^m59^s.36$	$-69^\circ08'40''.7$	5.79145	440.59486	14.516	15.387	–	13.166	0.146	0.426	5.040	FU
35651	$5^h10^m01^s.97$	$-69^\circ07'44''.2$	1.76263	444.16156	15.230	15.899	–	14.195	0.146	0.116	4.478	BR
44984	$5^h10^m03^s.02$	$-69^\circ01'16''.2$	3.34135	442.01598	15.107	–	–	–	0.146	0.413	4.471	FU
49743	$5^h10^m08^s.29$	$-68^\circ56'27''.2$	2.29575	443.10180	15.080	15.753	–	14.039	0.146	0.081	4.730	FO
49799	$5^h10^m05^s.46$	$-68^\circ55'31''.8$	1.56520	444.92204	15.635	16.307	–	14.596	0.146	0.139	4.562	FO
54641	$5^h10^m04^s.52$	$-68^\circ53'29''.7$	2.71388	444.56352	15.452	16.192	–	14.305	0.132	0.446	4.453	FU
95782	$5^h11^m10^s.86$	$-69^\circ18'37''.3$	2.48383	443.03285	15.028	15.710	–	13.972	0.147	0.117	4.861	FO
95827	$5^h11^m04^s.17$	$-69^\circ17'58''.0$	1.97458	444.17766	15.445	16.122	–	14.396	0.147	0.138	5.031	FO
100658	$5^h10^m37^s.53$	$-69^\circ15'07''.1$	2.84513	443.46937	15.985	17.009	–	14.398	0.147	0.434	4.490	FU
105186	$5^h11^m11^s.41$	$-69^\circ12'30''.0$	3.12911	442.74291	15.319	16.032	–	14.214	0.147	0.465	4.475	FU
109838	$5^h11^m06^s.20$	$-69^\circ06'19''.7$	5.39189	441.49077	15.110	16.142	–	13.511	0.146	0.306	4.913	FU
109937	$5^h10^m45^s.29$	$-69^\circ06'28''.3$	1.41358	443.73167	16.313	17.015	–	15.227	0.146	0.297	4.041	FO
119173	$5^h10^m56^s.38$	$-69^\circ01'55''.8$	15.12761	429.91573	13.363	14.312	–	11.894	0.146	0.219	4.859	FU
132645	$5^h10^m53^s.47$	$-68^\circ50'24''.9$	1.57675	443.82833	15.691	16.277	–	14.782	0.132	0.127	4.525	FO

Table 3
Continued

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
132771	$5^h10^m42^s.69$	$-68^\circ48'19.''7$	1.73874	443.30314	16.824	17.479	–	15.810	0.132	0.518	4.687	FA
172729	$5^h11^m35^s.30$	$-69^\circ14'59.''7$	1.11901	444.97797	16.244	16.919	–	15.198	0.147	0.207	4.122	FO
181906	$5^h11^m53^s.38$	$-69^\circ06'48.''7$	8.77211	438.54970	13.861	14.612	–	12.698	0.146	0.225	5.090	FU
190380	$5^h11^m21^s.27$	$-69^\circ01'20.''1$	1.48564	444.53670	15.952	17.910	–	12.919	0.146	0.146	4.246	BR
204083	$5^h11^m39^s.97$	$-68^\circ49'57.''6$	0.52628	444.77147	17.194	–	–	–	0.132	0.175	3.339	FO
208170	$5^h11^m48^s.87$	$-68^\circ46'22.''9$	3.65240	441.78209	15.072	15.793	–	13.956	0.132	0.400	4.586	FU
235307	$5^h12^m20^s.68$	$-69^\circ22'45.''0$	9.30428	443.56928	13.913	14.885	–	12.408	0.147	0.252	5.868	FU
235391	$5^h12^m16^s.16$	$-69^\circ20'07.''7$	3.25721	443.04319	15.399	16.254	–	14.075	0.147	0.174	4.581	FO
245236	$5^h12^m26^s.22$	$-69^\circ13'57.''1$	10.34961	437.00503	13.714	14.598	–	12.346	0.147	0.106	5.078	FU
245266	$5^h12^m06^s.64$	$-69^\circ13'06.''5$	3.96572	443.23028	14.852	15.559	–	13.756	0.147	0.436	4.571	FU
250300	$5^h12^m13^s.43$	$-69^\circ11'52.''7$	2.29583	444.19246	14.994	15.650	–	13.979	0.147	0.128	4.625	FO
250322	$5^h12^m34^s.83$	$-69^\circ12'34.''3$	3.99537	443.62178	15.042	–	–	–	0.147	0.372	4.763	FU
250332	$5^h11^m56^s.66$	$-69^\circ12'12.''0$	2.01253	443.28253	15.185	15.858	–	14.142	0.147	0.143	4.660	FO
256258	$5^h12^m30^s.52$	$-69^\circ07'16.''4$	1.18157	444.23489	17.940	18.525	–	17.033	0.146	0.167	4.508	FA
259946	$5^h11^m59^s.10$	$-69^\circ03'26.''5$	5.07477	440.64200	13.970	14.694	–	12.849	0.146	0.186	4.464	FO
269402	$5^h12^m03^s.07$	$-68^\circ57'10.''2$	1.91303	444.52447	15.372	16.091	–	14.259	0.146	0.176	4.301	FO
274140	$5^h12^m18^s.87$	$-68^\circ52'45.''2$	8.21060	443.76754	13.846	14.635	–	12.624	0.132	0.316	5.184	FU
274214	$5^h12^m08^s.01$	$-68^\circ52'02.''6$	1.79458	444.17286	16.058	16.717	–	15.038	0.132	0.510	4.186	FU
278750	$5^h12^m02^s.04$	$-68^\circ50'39.''1$	2.99712	444.76253	15.286	16.033	–	14.129	0.132	0.450	4.439	FU
				LMC_SC11								
32393	$5^h07^m42^s.22$	$-69^\circ14'48.''2$	18.46834	718.19716	13.258	14.262	–	11.703	0.154	0.218	5.000	FU
37982	$5^h07^m30^s.30$	$-69^\circ12'55.''2$	4.09891	721.45138	15.131	15.991	–	13.800	0.154	0.383	4.737	FU
54739	$5^h07^m50^s.13$	$-69^\circ02'44.''8$	1.90275	723.27261	15.389	16.032	–	14.393	0.151	0.146	4.835	FO
71294	$5^h07^m36^s.76$	$-68^\circ50'10.''1$	0.41464	724.89781	17.410	17.957	–	16.561	0.153	0.085	3.300	FO
108797	$5^h08^m26^s.71$	$-69^\circ21'16.''6$	2.03229	723.45949	16.723	18.192	–	14.448	0.154	0.093	4.609	FO
118714	$5^h08^m09^s.73$	$-69^\circ15'47.''3$	3.09884	723.48360	15.486	16.251	–	14.302	0.154	0.448	4.557	FU
124360	$5^h08^m20^s.76$	$-69^\circ10'16.''6$	1.81221	723.74060	15.551	16.231	–	14.498	0.154	0.102	4.304	FO
130198	$5^h08^m30^s.70$	$-69^\circ08'46.''8$	3.38118	721.68826	15.395	16.179	–	14.181	0.150	0.349	4.548	FU
130217	$5^h08^m30^s.45$	$-69^\circ07'42.''8$	2.78894	723.77191	15.527	16.273	–	14.371	0.150	0.439	4.514	FU
130342	$5^h08^m21^s.30$	$-69^\circ07'17.''5$	0.66086	724.61858	16.978	17.553	–	16.088	0.150	0.257	3.523	FO
130631	$5^h08^m10^s.86$	$-69^\circ07'46.''9$	10.04062	717.72075	17.254	17.821	–	16.376	0.150	0.000	–	FA
156885	$5^h08^m35^s.31$	$-68^\circ48'59.''5$	2.71017	722.77919	15.644	16.402	–	14.471	0.152	0.435	4.448	FU
162232	$5^h08^m18^s.31$	$-68^\circ46'47.''2$	30.38915	715.84124	12.494	13.490	–	10.951	0.152	0.377	5.243	FU
200817	$5^h09^m18^s.10$	$-69^\circ17'56.''8$	1.51637	724.72801	15.552	16.143	–	14.636	0.154	0.190	4.213	FO
206018	$5^h08^m54^s.37$	$-69^\circ14'33.''8$	3.58675	722.11546	15.308	16.096	–	14.088	0.154	0.408	4.616	FU
217088	$5^h08^m43^s.66$	$-69^\circ08'26.''6$	4.21163	723.54941	14.992	15.813	–	13.721	0.150	0.202	4.544	FU
217136	$5^h09^m15^s.22$	$-69^\circ09'02.''7$	3.03768	724.72279	15.481	16.215	–	14.345	0.150	0.291	4.485	FU
227948	$5^h08^m49^s.61$	$-68^\circ59'59.''2$	13.87551	714.71114	13.396	14.288	–	12.016	0.150	0.115	4.839	FU
244566	$5^h08^m57^s.71$	$-68^\circ50'59.''3$	4.36871	722.30122	14.779	15.476	–	13.701	0.152	0.409	4.496	FU
250872	$5^h08^m44^s.04$	$-68^\circ45'28.''1$	18.65508	717.25663	13.056	13.964	–	11.650	0.152	0.216	4.954	FU
250925	$5^h08^m46^s.31$	$-68^\circ45'39.''8$	5.56688	719.67472	13.879	14.477	–	12.953	0.152	0.186	4.720	FO
250938	$5^h08^m43^s.17$	$-68^\circ45'33.''2$	8.55890	719.65413	13.913	14.650	–	12.771	0.153	0.280	5.331	FU
257240	$5^h09^m16^s.00$	$-68^\circ44'29.''8$	11.86131	713.17954	13.607	14.422	–	12.345	0.152	0.214	4.740	FU
257269	$5^h08^m54^s.97$	$-68^\circ43'10.''2$	7.01083	723.24325	14.306	15.167	–	12.971	0.153	0.429	4.960	FU
263536	$5^h09^m21^s.99$	$-69^\circ36'03.''2$	3.23435	724.26086	17.108	17.719	–	16.160	0.147	0.251	5.358	FA
290549	$5^h09^m25^s.80$	$-69^\circ19'07.''9$	3.77929	723.94509	15.139	15.871	–	14.006	0.154	0.417	4.523	FU
290607	$5^h09^m49^s.56$	$-69^\circ17'08.''3$	2.75749	724.63128	15.574	16.338	–	14.392	0.154	0.420	4.438	FU
300939	$5^h09^m52^s.49$	$-69^\circ12'29.''7$	1.94308	724.50872	15.696	16.578	–	14.331	0.154	0.161	4.637	FO
306294	$5^h09^m59^s.36$	$-69^\circ08'40.''9$	5.79172	724.37956	14.539	15.324	–	13.323	0.150	0.416	5.002	FU
306838	$5^h09^m22^s.78$	$-69^\circ07'17.''7$	1.06752	724.41740	16.534	17.333	–	15.295	0.151	0.159	4.169	FO
320035	$5^h09^m56^s.40$	$-68^\circ59'40.''8$	8.18673	718.72347	13.820	14.558	–	12.676	0.151	0.284	5.053	FU
325522	$5^h09^m29^s.83$	$-68^\circ58'15.''7$	4.45726	722.46708	14.968	15.738	–	13.774	0.151	0.384	4.804	FU
325558	$5^h09^m53^s.59$	$-68^\circ59'04.''2$	1.71431	724.91647	15.739	16.455	–	14.630	0.150	0.137	4.823	FO
331546	$5^h09^m27^s.02$	$-68^\circ54'13.''0$	11.90536	713.18698	13.720	14.626	–	12.317	0.152	0.110	5.110	FU
331601	$5^h09^m49^s.00$	$-68^\circ52'47.''0$	56.49819	686.12410	14.959	15.116	–	14.716	0.152	0.431	3.519	FA
338248	$5^h09^m56^s.01$	$-68^\circ49'13.''1$	2.77380	723.16454	15.486	16.241	–	14.317	0.152	0.371	4.499	FU
338308	$5^h09^m26^s.92$	$-68^\circ50'36.''1$	1.74277	723.93868	15.609	16.266	–	14.592	0.152	0.136	4.996	FO
				LMC_SC12								
7813	$5^h05^m17^s.21$	$-69^\circ54'21.''0$	3.16829	442.46230	14.778	15.616	–	13.479	0.152	0.402	4.431	FU
37629	$5^h05^m28^s.34$	$-69^\circ21'51.''0$	3.51006	444.45657	15.231	15.996	–	14.047	0.139	0.414	4.644	FU
37723	$5^h05^m15^s.30$	$-69^\circ22'08.''9$	2.47581	444.05113	16.894	17.318	–	16.237	0.139	0.278	5.365	FA
42626	$5^h05^m34^s.79$	$-69^\circ20'29.''2$	3.39255	443.93774	15.280	15.990	–	14.180	0.139	0.455	4.702	FU
46999	$5^h05^m08^s.99$	$-69^\circ15'12.''4$	7.70723	443.13027	13.990	14.776	–	12.773	0.139	0.354	5.104	FU
47109	$5^h05^m05^s.58$	$-69^\circ15'05.''3$	1.27660	444.95524	16.107	16.829	–	14.989	0.139	0.120	3.987	FO
51598	$5^h05^m26^s.44$	$-69^\circ11'35.''3$	2.26957	444.69809	15.225	15.916	–	14.155	0.139	0.145	4.682	FO
61156	$5^h05^m51^s.06$	$-69^\circ59'04.''0$	2.94964	443.30575	14.743	15.402	–	13.723	0.152	0.069	3.558	FO
88171	$5^h05^m38^s.38$	$-69^\circ26'31.''9$	24.07331	439.94753	17.592	18.710	–	15.859	0.127	0.516	4.387	FA
100127	$5^h05^m44^s.90$	$-69^\circ14'56.''2$	4.92235	442.92547	16.353	16.866	–	15.559	0.139	0.211	4.483	FA
116618	$5^h06^m31^s.04$	$-69^\circ55'42.''4$	2.80844	442.98497	15.524	16.272	–	14.365	0.152	0.443	4.475	FU

Table 3

Continued

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
130327	$5^h06^m51\overset{s}{.}52$	$-69^\circ36'31\overset{''}{.}1$	0.97647	444.04846	16.552	17.257	–	15.459	0.128	0.176	3.531	FO
133630	$5^h06^m18\overset{s}{.}44$	$-69^\circ31'47\overset{''}{.}9$	1.51770	444.78368	15.846	16.535	–	14.779	0.127	0.210	4.489	FO
156517	$5^h06^m45\overset{s}{.}94$	$-69^\circ12'19\overset{''}{.}8$	0.83401	444.35999	16.641	17.469	–	15.357	0.139	0.215	3.578	FO
166141	$5^h07^m25\overset{s}{.}19$	$-69^\circ57'50\overset{''}{.}0$	0.82206	444.89709	16.582	17.253	–	15.544	0.152	0.230	3.723	FO
190467	$5^h07^m03\overset{s}{.}55$	$-69^\circ28'02\overset{''}{.}2$	1.16376	444.82452	16.255	16.961	–	15.161	0.128	0.189	4.301	FO
202153	$5^h06^m59\overset{s}{.}67$	$-69^\circ18'20\overset{''}{.}5$	4.03285	444.77471	15.185	16.034	–	13.870	0.139	0.351	4.769	FU
210606	$5^h07^m30\overset{s}{.}28$	$-69^\circ12'55\overset{''}{.}2$	4.09846	442.83973	15.119	16.013	–	13.734	0.139	0.442	4.736	FU
210640	$5^h07^m02\overset{s}{.}23$	$-69^\circ10'17\overset{''}{.}7$	2.15840	444.81907	15.233	–	–	–	0.139	0.149	4.478	FO
				LMC_SC13								
12	$5^h05^m26\overset{s}{.}44$	$-69^\circ11'35\overset{''}{.}3$	2.26788	724.17967	15.235	–	–	–	0.154	0.208	4.339	FO
30676	$5^h05^m10\overset{s}{.}89$	$-68^\circ47'47\overset{''}{.}4$	4.01446	724.20962	16.126	16.473	–	15.588	0.129	0.504	5.417	FA
35127	$5^h05^m14\overset{s}{.}58$	$-68^\circ46'07\overset{''}{.}4$	4.38057	722.80400	14.833	15.579	–	13.677	0.129	0.420	4.701	FU
35171	$5^h05^m04\overset{s}{.}24$	$-68^\circ44'40\overset{''}{.}9$	2.07045	723.54074	15.690	16.146	–	14.983	0.129	0.096	3.669	FO
40244	$5^h05^m32\overset{s}{.}44$	$-68^\circ41'32\overset{''}{.}2$	1.75470	723.93051	15.444	16.029	–	14.537	0.135	0.206	4.417	FO
40265	$5^h05^m24\overset{s}{.}08$	$-68^\circ42'02\overset{''}{.}2$	2.01707	723.68958	15.526	16.263	–	14.384	0.135	0.159	5.028	FO
40648	$5^h05^m11\overset{s}{.}60$	$-68^\circ41'40\overset{''}{.}3$	36.86378	715.13735	17.353	18.577	–	15.458	0.135	0.272	5.231	FA
45261	$5^h05^m10\overset{s}{.}93$	$-68^\circ39'07\overset{''}{.}1$	53.74804	693.02648	16.710	17.856	–	14.935	0.135	0.147	5.132	FA
57077	$5^h05^m32\overset{s}{.}19$	$-68^\circ27'15\overset{''}{.}8$	4.92289	723.70967	14.076	14.740	–	13.049	0.130	0.093	4.547	FO
57113	$5^h05^m30\overset{s}{.}74$	$-68^\circ26'25\overset{''}{.}5$	2.63520	724.16472	15.757	16.582	–	14.480	0.130	0.462	4.485	FU
60078	$5^h05^m22\overset{s}{.}26$	$-68^\circ24'07\overset{''}{.}7$	2.41563	722.79045	15.586	16.254	–	14.553	0.130	0.477	4.345	FU
69033	$5^h05^m52\overset{s}{.}46$	$-69^\circ09'30\overset{''}{.}1$	4.67615	724.98512	14.890	15.677	–	13.671	0.154	0.466	4.809	FU
74156	$5^h06^m00\overset{s}{.}98$	$-69^\circ06'17\overset{''}{.}3$	21.11477	721.47274	12.953	13.900	–	11.487	0.154	0.236	5.048	FU
74204	$5^h05^m43\overset{s}{.}69$	$-69^\circ06'58\overset{''}{.}9$	1.36986	723.95490	16.079	16.799	–	14.964	0.154	0.000	–	FO
83859	$5^h05^m44\overset{s}{.}07$	$-68^\circ59'51\overset{''}{.}4$	1.62316	724.46220	16.235	16.951	–	15.126	0.154	0.318	4.325	FO
88334	$5^h05^m37\overset{s}{.}57$	$-68^\circ57'23\overset{''}{.}7$	1.41758	723.83253	16.105	17.232	–	14.360	0.129	0.228	4.529	BR
88764	$5^h06^m02\overset{s}{.}46$	$-68^\circ54'43\overset{''}{.}8$	10.75562	715.06678	17.491	18.571	–	15.817	0.129	0.000	–	FA
93279	$5^h05^m42\overset{s}{.}05$	$-68^\circ51'05\overset{''}{.}3$	7.39560	723.35326	14.164	14.971	–	12.913	0.129	0.384	5.428	FU
106993	$5^h06^m05\overset{s}{.}83$	$-68^\circ41'52\overset{''}{.}3$	3.50896	723.82232	15.201	15.928	–	14.076	0.135	0.386	4.540	FU
111968	$5^h06^m01\overset{s}{.}22$	$-68^\circ37'38\overset{''}{.}7$	8.33337	722.56247	14.138	14.975	–	12.841	0.135	0.288	5.526	FU
125152	$5^h05^m57\overset{s}{.}47$	$-68^\circ26'18\overset{''}{.}1$	5.81349	724.07900	14.380	15.065	–	13.319	0.130	0.384	4.506	FU
134718	$5^h05^m45\overset{s}{.}93$	$-68^\circ15'20\overset{''}{.}9$	4.86568	724.01604	14.725	15.421	–	13.648	0.130	0.439	4.821	FU
151864	$5^h06^m39\overset{s}{.}23$	$-68^\circ57'47\overset{''}{.}2$	3.71113	722.90666	15.162	–	–	–	0.154	0.446	4.543	FU
160626	$5^h06^m14\overset{s}{.}98$	$-68^\circ51'56\overset{''}{.}7$	4.65340	724.92759	14.118	14.804	–	13.056	0.129	0.131	4.262	FO
160750	$5^h06^m30\overset{s}{.}34$	$-68^\circ52'11\overset{''}{.}1$	13.86896	713.48090	16.445	16.857	–	15.808	0.129	0.000	–	FA
165223	$5^h06^m16\overset{s}{.}50$	$-68^\circ47'20\overset{''}{.}5$	2.04316	723.64497	15.364	16.058	–	14.290	0.129	0.128	4.216	FO
173734	$5^h06^m52\overset{s}{.}91$	$-68^\circ43'25\overset{''}{.}2$	12.72593	713.03927	13.694	14.609	–	12.278	0.135	0.073	4.919	FU
173745	$5^h06^m16\overset{s}{.}97$	$-68^\circ40'33\overset{''}{.}9$	12.91746	719.96281	13.563	14.447	–	12.195	0.135	0.231	4.978	FU
173938	$5^h06^m17\overset{s}{.}88$	$-68^\circ40'28\overset{''}{.}8$	36.93455	717.59311	16.699	17.941	–	14.775	0.135	0.000	–	FA
178831	$5^h06^m53\overset{s}{.}04$	$-68^\circ39'35\overset{''}{.}7$	17.45740	713.31458	13.276	14.256	–	11.759	0.135	0.176	5.050	FU
184117	$5^h06^m19\overset{s}{.}31$	$-68^\circ35'01\overset{''}{.}7$	13.64083	717.09679	17.322	18.106	–	16.108	0.135	0.575	3.703	FA
194103	$5^h06^m39\overset{s}{.}96$	$-68^\circ25'12\overset{''}{.}8$	8.71306	724.84167	13.902	14.683	–	12.692	0.130	0.304	5.401	FU
194404	$5^h06^m37\overset{s}{.}57$	$-68^\circ23'40\overset{''}{.}4$	1.29583	724.32304	17.199	17.851	–	16.189	0.130	0.506	4.410	FA
197484	$5^h06^m15\overset{s}{.}02$	$-68^\circ19'03\overset{''}{.}2$	1.98766	723.24424	15.351	16.125	–	14.152	0.130	0.108	4.817	FO
203493	$5^h07^m02\overset{s}{.}24$	$-69^\circ10'17\overset{''}{.}7$	2.15855	723.16652	15.233	15.929	–	14.156	0.154	0.152	4.821	FO
203944	$5^h07^m16\overset{s}{.}75$	$-69^\circ09'42\overset{''}{.}2$	31.72475	698.82556	17.567	18.795	–	15.666	0.154	0.000	–	FA
214116	$5^h06^m56\overset{s}{.}27$	$-69^\circ03'15\overset{''}{.}5$	10.45938	714.74305	12.861	14.066	–	10.994	0.155	0.125	4.803	BR
214195	$5^h07^m18\overset{s}{.}54$	$-69^\circ01'35\overset{''}{.}2$	1.83616	724.55870	15.807	16.687	–	14.445	0.154	0.142	4.474	FO
228645	$5^h07^m07\overset{s}{.}91$	$-68^\circ53'19\overset{''}{.}6$	31.05378	720.25612	12.394	13.382	–	10.863	0.129	0.404	5.182	FU
228660	$5^h07^m26\overset{s}{.}21$	$-68^\circ53'20\overset{''}{.}1$	4.20424	722.18621	14.952	15.774	–	13.679	0.129	0.452	4.767	FU
228682	$5^h07^m02\overset{s}{.}51$	$-68^\circ53'34\overset{''}{.}9$	1.46615	724.17428	15.851	16.596	–	14.697	0.129	0.107	4.215	FO
242678	$5^h07^m02\overset{s}{.}18$	$-68^\circ42'39\overset{''}{.}3$	5.30079	722.15452	13.993	14.755	–	12.814	0.135	0.220	4.466	FO
242700	$5^h07^m15\overset{s}{.}42$	$-68^\circ41'35\overset{''}{.}8$	3.45201	723.82688	14.735	15.514	–	13.528	0.135	0.000	–	FO
247787	$5^h06^m58\overset{s}{.}36$	$-68^\circ36'41\overset{''}{.}2$	12.62336	720.02453	13.640	14.557	–	12.221	0.135	0.079	4.892	FU
247801	$5^h07^m23\overset{s}{.}36$	$-68^\circ38'30\overset{''}{.}9$	3.74480	721.61730	15.104	15.874	–	13.910	0.135	0.448	4.615	FU
247806	$5^h06^m55\overset{s}{.}35$	$-68^\circ38'14\overset{''}{.}3$	4.81260	721.77585	14.835	15.582	–	13.678	0.135	0.464	4.837	FU
257356	$5^h07^m29\overset{s}{.}71$	$-68^\circ31'14\overset{''}{.}1$	4.67023	723.88454	14.788	15.650	–	13.451	0.135	0.418	4.768	FU
261045	$5^h07^m26\overset{s}{.}39$	$-68^\circ29'13\overset{''}{.}7$	5.19039	723.94706	14.704	15.542	–	13.405	0.130	0.401	4.919	FU
261046	$5^h07^m25\overset{s}{.}84$	$-68^\circ28'36\overset{''}{.}8$	4.90730	723.30722	14.767	15.606	–	13.467	0.130	0.407	4.820	FU
267454	$5^h07^m21\overset{s}{.}76$	$-68^\circ20'18\overset{''}{.}4$	14.46339	720.40362	13.362	14.345	–	11.841	0.130	0.130	4.818	FU
				LMC_SC14								
3442	$5^h03^m00\overset{s}{.}77$	$-69^\circ26'39\overset{''}{.}3$	2.56084	724.88287	15.488	16.180	–	14.417	0.124	0.461	4.453	FU
7198	$5^h02^m51\overset{s}{.}87$	$-69^\circ25'32\overset{''}{.}0$	2.15161	724.30846	15.148	15.773	–	14.179	0.124	0.157	4.757	FO
11554	$5^h02^m33\overset{s}{.}79$	$-69^\circ18'50\overset{''}{.}1$	4.99399	721.26257	14.791	15.647	–	13.466	0.124	0.351	4.894	FU
15873	$5^h02^m59\overset{s}{.}86$	$-69^\circ17'12\overset{''}{.}5$	3.09048	722.23199	15.328	16.046	–	14.216	0.142	0.420	4.506	FU
24402	$5^h03^m06\overset{s}{.}44$	$-69^\circ09'39\overset{''}{.}5$	0.91893	724.79781	16.424	17.033	–	15.479	0.142	0.164	3.803	FO
46315	$5^h02^m44\overset{s}{.}62$	$-68^\circ52'44\overset{''}{.}7$	2.31572	723.20426	15.134	15.808	–	14.089	0.138	0.063	5.938	FO
50505	$5^h02^m51\overset{s}{.}62$	$-68^\circ47'05\overset{''}{.}4$	10.85126	724.89441	13.713	14.567	–	12.391	0.127	0.058	5.826	FU
50506	$5^h02^m52\overset{s}{.}84$	$-68^\circ50'35\overset{''}{.}2$	3.07326	724.70818	15.225	15.974	–	14.065	0.127	0.393	4.360	FU
54419	$5^h02^m36\overset{s}{.}60$	$-68^\circ44'41\overset{''}{.}5$	2.57481	723.91993	15.386	15.980	–	14.465	0.127	0.477	4.274	FU

Table 3

Continued

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
57956	$5^h02^m57\overset{s}{.}32$	$-68^\circ41'43\overset{''}{.}3$	6.89372	719.99333	14.014	14.739	–	12.892	0.127	0.402	4.752	FU
80463	$5^h03^m11\overset{s}{.}12$	$-69^\circ16'47\overset{''}{.}7$	33.34324	698.42257	17.580	18.606	–	15.990	0.142	0.000	–	FA
84259	$5^h03^m09\overset{s}{.}17$	$-69^\circ13'24\overset{''}{.}3$	17.52233	723.96571	13.192	14.180	–	11.661	0.142	0.238	5.163	FU
85203	$5^h03^m28\overset{s}{.}99$	$-69^\circ13'00\overset{''}{.}1$	46.95222	721.90429	18.118	19.114	–	16.575	0.142	0.260	5.576	FA
88441	$5^h03^m26\overset{s}{.}57$	$-69^\circ08'56\overset{''}{.}4$	21.26254	706.83592	12.846	13.720	–	11.492	0.142	0.342	5.029	FU
96614	$5^h03^m38\overset{s}{.}03$	$-69^\circ03'47\overset{''}{.}2$	12.19526	724.33143	13.689	14.581	–	12.309	0.138	0.146	4.650	FU
100794	$5^h03^m23\overset{s}{.}73$	$-69^\circ00'03\overset{''}{.}3$	10.70792	717.41586	13.887	14.791	–	12.487	0.138	0.146	1.672	FU
109640	$5^h03^m46\overset{s}{.}26$	$-68^\circ52'36\overset{''}{.}5$	22.31242	718.69070	13.030	14.093	–	11.383	0.138	0.277	5.054	FU
109671	$5^h03^m11\overset{s}{.}32$	$-68^\circ51'38\overset{''}{.}1$	2.77603	724.72125	14.847	15.479	–	13.869	0.138	0.056	3.827	FO
109715	$5^h03^m24\overset{s}{.}40$	$-68^\circ51'30\overset{''}{.}0$	1.91300	723.27982	15.337	15.898	–	14.468	0.138	0.191	4.721	FO
109863	$5^h03^m19\overset{s}{.}26$	$-68^\circ53'47\overset{''}{.}7$	47.23979	711.28187	17.141	18.369	–	15.240	0.138	0.087	5.924	FA
113861	$5^h03^m39\overset{s}{.}08$	$-68^\circ48'12\overset{''}{.}1$	5.91519	724.13529	13.816	14.581	–	12.632	0.127	0.191	4.503	FO
114046	$5^h03^m17\overset{s}{.}80$	$-68^\circ49'33\overset{''}{.}5$	0.90940	724.98981	17.394	17.922	–	16.576	0.127	0.428	4.162	FA
117525	$5^h03^m25\overset{s}{.}14$	$-68^\circ46'21\overset{''}{.}1$	12.63728	723.03631	13.584	14.445	–	12.249	0.128	0.182	4.875	FU
117534	$5^h03^m19\overset{s}{.}32$	$-68^\circ45'01\overset{''}{.}7$	3.40834	724.31177	14.620	15.291	–	13.582	0.127	0.176	3.439	FO
139172	$5^h04^m22\overset{s}{.}45$	$-69^\circ20'42\overset{''}{.}6$	9.87615	722.50703	16.262	17.173	–	14.852	0.124	0.157	1.359	FA
143866	$5^h04^m10\overset{s}{.}47$	$-69^\circ18'14\overset{''}{.}5$	2.04587	724.55632	15.391	16.136	–	14.237	0.142	0.000	–	FO
148402	$5^h04^m08\overset{s}{.}00$	$-69^\circ12'35\overset{''}{.}0$	2.19344	724.74926	15.236	15.883	–	14.234	0.142	0.088	4.921	FO
156632	$5^h04^m05\overset{s}{.}29$	$-69^\circ04'51\overset{''}{.}0$	5.77768	719.71406	13.900	14.585	–	12.839	0.142	0.408	4.740	FU
156647	$5^h04^m14\overset{s}{.}22$	$-69^\circ06'11\overset{''}{.}7$	8.36401	716.92555	14.484	15.504	–	12.903	0.142	0.316	5.603	FU
156720	$5^h04^m25\overset{s}{.}26$	$-69^\circ07'38\overset{''}{.}7$	3.02722	724.12467	16.036	17.059	–	14.451	0.142	0.384	4.616	FU
156721	$5^h04^m07\overset{s}{.}79$	$-69^\circ07'31\overset{''}{.}8$	14.90657	722.43889	16.234	17.344	–	14.515	0.142	0.102	1.530	FA
160625	$5^h04^m15\overset{s}{.}56$	$-69^\circ01'36\overset{''}{.}3$	17.21144	711.72898	13.031	13.947	–	11.614	0.138	0.265	5.164	FU
160642	$5^h04^m07\overset{s}{.}04$	$-69^\circ02'54\overset{''}{.}8$	0.97211	724.94922	15.140	15.348	–	14.817	0.138	0.000	–	BR
170002	$5^h03^m49\overset{s}{.}59$	$-68^\circ56'02\overset{''}{.}8$	25.80555	721.83627	12.695	13.679	–	11.172	0.138	0.300	5.180	FU
170005	$5^h04^m19\overset{s}{.}72$	$-68^\circ55'49\overset{''}{.}1$	20.64642	712.44747	13.344	14.347	–	11.791	0.138	0.358	5.167	FA
170192	$5^h03^m49\overset{s}{.}01$	$-68^\circ55'05\overset{''}{.}1$	6.37263	722.44768	16.710	17.551	–	15.407	0.138	0.132	5.867	FA
174756	$5^h03^m51\overset{s}{.}36$	$-68^\circ52'59\overset{''}{.}2$	7.84219	724.17187	14.134	14.979	–	12.825	0.138	0.234	5.203	FU
174795	$5^h03^m59\overset{s}{.}25$	$-68^\circ53'24\overset{''}{.}1$	9.40162	721.97322	15.776	16.481	–	14.683	0.138	0.078	4.173	FA
178619	$5^h03^m57\overset{s}{.}35$	$-68^\circ50'24\overset{''}{.}4$	9.71192	719.97819	13.845	14.671	–	12.566	0.127	0.242	5.837	FU
182466	$5^h04^m21\overset{s}{.}14$	$-68^\circ43'43\overset{''}{.}0$	15.98098	723.81862	13.350	14.258	–	11.944	0.127	0.361	5.094	FU
189342	$5^h04^m00\overset{s}{.}14$	$-68^\circ38'54\overset{''}{.}9$	7.48374	723.29860	14.414	15.278	–	13.074	0.127	0.107	5.148	FU
200768	$5^h04^m51\overset{s}{.}93$	$-69^\circ23'55\overset{''}{.}9$	14.87020	716.87361	15.790	16.716	–	14.355	0.124	0.069	1.576	FA
211257	$5^h04^m41\overset{s}{.}11$	$-69^\circ16'17\overset{''}{.}3$	3.44944	722.46537	15.121	15.825	–	14.032	0.142	0.445	4.538	FU
216164	$5^h04^m31\overset{s}{.}65$	$-69^\circ12'49\overset{''}{.}2$	3.11592	723.31773	14.744	15.413	–	13.709	0.142	0.087	3.354	FO
216179	$5^h04^m34\overset{s}{.}90$	$-69^\circ15'11\overset{''}{.}2$	3.04003	722.39166	15.452	16.203	–	14.289	0.142	0.348	4.619	FU
216182	$5^h05^m05\overset{s}{.}59$	$-69^\circ15'05\overset{''}{.}3$	1.27636	724.62458	16.095	–	–	–	0.142	0.000	–	FA
216197	$5^h04^m31\overset{s}{.}54$	$-69^\circ13'51\overset{''}{.}0$	3.21159	723.37496	15.327	16.057	–	14.197	0.142	0.396	4.510	FU
221178	$5^h04^m33\overset{s}{.}49$	$-69^\circ09'02\overset{''}{.}6$	16.74144	717.42796	17.666	18.870	–	15.803	0.142	0.000	–	FA
244304	$5^h04^m35\overset{s}{.}12$	$-68^\circ52'36\overset{''}{.}4$	3.27580	722.90034	15.506	16.375	–	14.159	0.138	0.302	4.507	FU
252799	$5^h05^m04\overset{s}{.}23$	$-68^\circ44'40\overset{''}{.}9$	2.07046	723.51572	15.690	–	–	–	0.127	0.000	–	FA
				LMC_SC15								
10	$5^h00^m05\overset{s}{.}22$	$-69^\circ31'37\overset{''}{.}4$	4.34973	722.83714	15.085	15.984	–	13.693	0.145	0.428	4.682	FU
12701	$5^h00^m29\overset{s}{.}32$	$-69^\circ15'24\overset{''}{.}2$	5.32959	723.14894	14.744	15.588	–	13.436	0.125	0.272	4.838	FU
20323	$5^h00^m05\overset{s}{.}08$	$-69^\circ10'50\overset{''}{.}0$	0.87911	724.75959	16.494	17.170	–	15.447	0.126	0.163	3.393	FO
24114	$5^h00^m05\overset{s}{.}48$	$-69^\circ06'52\overset{''}{.}1$	3.60023	723.66775	14.428	15.134	–	13.334	0.126	0.112	3.582	FO
31540	$5^h00^m03\overset{s}{.}54$	$-69^\circ00'44\overset{''}{.}8$	2.88832	723.74520	15.416	16.213	–	14.180	0.147	0.455	4.562	FU
31558	$5^h00^m33\overset{s}{.}70$	$-69^\circ00'25\overset{''}{.}1$	1.55498	724.87549	15.550	16.128	–	14.653	0.147	0.000	–	FO
31591	$5^h00^m06\overset{s}{.}97$	$-68^\circ58'02\overset{''}{.}7$	2.13596	724.65316	15.446	16.211	–	14.262	0.147	0.082	5.407	FO
35181	$5^h00^m14\overset{s}{.}44$	$-68^\circ54'32\overset{''}{.}5$	3.75013	721.77183	15.080	15.839	–	13.905	0.147	0.424	4.625	FU
35335	$5^h00^m15\overset{s}{.}37$	$-68^\circ57'04\overset{''}{.}7$	17.77652	715.03896	17.889	18.681	–	16.663	0.147	0.000	–	FA
38601	$5^h00^m19\overset{s}{.}24$	$-68^\circ52'38\overset{''}{.}6$	3.50951	724.81414	15.235	15.993	–	14.062	0.147	0.229	4.661	FU
45780	$5^h00^m25\overset{s}{.}21$	$-68^\circ46'14\overset{''}{.}3$	3.58788	723.23710	15.227	16.017	–	14.004	0.126	0.369	4.680	FU
56087	$5^h00^m48\overset{s}{.}43$	$-69^\circ31'54\overset{''}{.}8$	13.62635	723.27116	13.682	14.656	–	12.174	0.145	0.098	4.849	FU
62069	$5^h00^m59\overset{s}{.}58$	$-69^\circ25'20\overset{''}{.}0$	2.95859	723.31947	15.517	16.291	–	14.318	0.145	0.451	4.529	FU
65685	$5^h01^m02\overset{s}{.}16$	$-69^\circ20'09\overset{''}{.}5$	1.88732	723.43567	15.372	16.007	–	14.390	0.145	0.183	4.465	FO
81394	$5^h00^m46\overset{s}{.}18$	$-69^\circ04'54\overset{''}{.}6$	5.02656	722.63149	14.698	15.435	–	13.556	0.126	0.451	4.809	FU
81421	$5^h01^m02\overset{s}{.}17$	$-69^\circ05'37\overset{''}{.}2$	1.33888	724.05552	16.048	16.758	–	14.948	0.125	0.115	4.355	FO
85604	$5^h00^m54\overset{s}{.}79$	$-69^\circ03'42\overset{''}{.}0$	0.64280	724.83686	16.951	17.551	–	16.022	0.147	0.130	3.471	FO
92639	$5^h00^m44\overset{s}{.}70$	$-68^\circ57'15\overset{''}{.}7$	3.42862	723.22608	15.660	16.638	–	14.146	0.147	0.470	4.570	FU
96001	$5^h00^m53\overset{s}{.}86$	$-68^\circ51'02\overset{''}{.}6$	1.98274	724.42435	15.282	15.899	–	14.325	0.147	0.181	4.485	FO
106135	$5^h01^m11\overset{s}{.}39$	$-68^\circ41'43\overset{''}{.}4$	1.88157	724.90575	15.287	15.868	–	14.386	0.127	0.000	–	FO
106154	$5^h00^m42\overset{s}{.}15$	$-68^\circ41'49\overset{''}{.}7$	2.47410	724.85209	15.682	16.394	–	14.579	0.126	0.475	4.423	FU
112511	$5^h01^m42\overset{s}{.}27$	$-69^\circ30'35\overset{''}{.}5$	0.92908	724.49204	16.583	17.273	–	15.515	0.145	0.144	4.071	FO
118594	$5^h01^m52\overset{s}{.}03$	$-69^\circ23'22\overset{''}{.}5$	10.41318	724.65289	13.718	14.494	–	12.516	0.145	0.195	4.681	FU
125710	$5^h01^m20\overset{s}{.}03$	$-69^\circ17'22\overset{''}{.}8$	3.81213	722.86876	15.255	16.055	–	14.015	0.126	0.344	4.687	FU
129437	$5^h01^m53\overset{s}{.}16$	$-69^\circ13'52\overset{''}{.}5$	3.14851	722.01156	15.427	16.193	–	14.239	0.126	0.327	4.524	FU
145087	$5^h01^m36\overset{s}{.}55$	$-68^\circ59'48\overset{''}{.}9$	3.78858	721.25284	15.395	16.279	–	14.027	0.147	0.435	4.688	FU
148920	$5^h01^m54\overset{s}{.}66$	$-68^\circ54'14\overset{''}{.}6$	20.70509	707.07701	12.741	13.703	–	11.251	0.147	0.409	4.796	FU

Table 3

Continued

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
152481	$5^h01^m48^s.72$	$-68^\circ50'44.''6$	1.11025	723.99843	16.038	16.624	–	15.129	0.147	0.268	4.137	FO
158906	$5^h01^m41^s.63$	$-68^\circ43'56.''7$	4.58020	723.34262	14.988	15.817	–	13.702	0.127	0.378	4.828	FU
158999	$5^h01^m38^s.58$	$-68^\circ43'45.''4$	1.10098	724.18790	16.138	16.696	–	15.273	0.126	0.248	4.296	FO
161924	$5^h01^m47^s.04$	$-68^\circ41'40.''1$	4.94406	721.82279	15.049	15.920	–	13.699	0.126	0.420	4.877	FU
162144	$5^h01^m40^s.80$	$-68^\circ40'53.''4$	14.59487	714.24923	17.177	18.326	–	15.397	0.126	0.000	–	FA
164992	$5^h01^m43^s.52$	$-68^\circ39'41.''9$	2.26621	724.06713	15.236	15.923	–	14.172	0.126	0.055	4.144	FO
167787	$5^h02^m10^s.33$	$-69^\circ32'23.''8$	14.49096	719.29829	13.220	14.121	–	11.825	0.145	0.242	4.910	FU
170744	$5^h02^m16^s.37$	$-69^\circ27'03.''2$	4.99307	721.09427	14.129	14.920	–	12.904	0.145	0.180	4.341	FO
181509	$5^h02^m33^s.79$	$-69^\circ18'50.''1$	4.99509	721.17144	14.799	15.622	–	13.525	0.125	0.379	4.893	FU
181694	$5^h02^m27^s.56$	$-69^\circ18'23.''6$	2.98237	724.42787	17.755	18.255	–	16.981	0.125	0.241	3.725	FA
185375	$5^h02^m21^s.25$	$-69^\circ13'17.''3$	10.79456	724.45861	13.503	14.309	–	12.254	0.125	0.158	5.153	FU
185437	$5^h02^m28^s.03$	$-69^\circ12'41.''4$	3.08076	724.56743	15.359	16.131	–	14.162	0.126	0.423	4.585	FU
185524	$5^h02^m17^s.40$	$-69^\circ12'40.''9$	1.26561	724.81203	16.014	16.689	–	14.968	0.126	0.184	4.207	FO
193155	$5^h01^m59^s.40$	$-69^\circ05'19.''4$	2.88446	723.25086	15.761	16.666	–	14.360	0.125	0.422	4.504	FU
196999	$5^h02^m05^s.97$	$-69^\circ02'55.''5$	2.92668	723.02117	15.930	16.925	–	14.389	0.147	0.334	4.528	FU
204548	$5^h02^m01^s.04$	$-68^\circ55'22.''4$	12.18740	724.48141	13.901	14.860	–	12.415	0.147	0.165	5.078	FU
208019	$5^h02^m22^s.37$	$-68^\circ52'22.''2$	2.68752	722.94438	15.530	16.286	–	14.360	0.147	0.425	4.525	FU
214740	$5^h02^m20^s.53$	$-68^\circ46'27.''6$	2.46810	723.69250	14.974	15.630	–	13.959	0.126	0.078	4.428	FO
214750	$5^h02^m12^s.59$	$-68^\circ46'59.''4$	3.26546	724.71370	15.249	16.008	–	14.074	0.126	0.440	4.542	FU
214783	$5^h02^m02^s.91$	$-68^\circ43'35.''7$	2.26298	723.03444	15.889	16.620	–	14.758	0.126	0.480	4.454	FU
220878	$5^h02^m01^s.30$	$-68^\circ38'57.''5$	60.53943	675.97370	16.750	17.886	–	14.992	0.126	0.300	5.707	FA
				LMC_SC16								
291	$5^h35^m07^s.07$	$-70^\circ35'36.''9$	74.25581	660.40352	17.353	18.444	–	15.662	0.135	0.000	–	FA
11573	$5^h34^m58^s.77$	$-70^\circ26'30.''7$	2.98273	722.08705	15.272	15.986	–	14.166	0.135	0.442	4.490	FU
20992	$5^h35^m19^s.83$	$-70^\circ19'22.''8$	2.38258	722.84060	15.724	16.445	–	14.608	0.148	0.433	4.490	FU
26109	$5^h35^m25^s.16$	$-70^\circ15'16.''1$	4.76996	725.00184	14.716	15.461	–	13.562	0.148	0.457	4.685	FU
26114	$5^h35^m35^s.12$	$-70^\circ14'33.''2$	2.45436	723.55163	15.015	15.646	–	14.039	0.148	0.088	4.186	FO
26139	$5^h35^m32^s.70$	$-70^\circ16'24.''4$	0.88236	724.40908	15.940	16.471	–	15.117	0.148	0.276	4.433	BR
26258	$5^h35^m09^s.99$	$-70^\circ14'45.''3$	1.35353	724.64839	16.093	16.845	–	14.928	0.148	0.173	4.524	FO
26339	$5^h35^m14^s.67$	$-70^\circ16'32.''1$	10.83713	715.24155	17.766	18.910	–	15.994	0.148	0.243	5.315	FA
31555	$5^h34^m59^s.07$	$-70^\circ11'48.''3$	2.89982	723.42696	15.517	16.388	–	14.167	0.148	0.407	4.441	FU
31925	$5^h35^m27^s.95$	$-70^\circ11'02.''2$	94.83452	662.28510	17.023	18.382	–	14.919	0.148	0.000	–	FA
37097	$5^h35^m32^s.44$	$-70^\circ09'19.''0$	2.60456	724.57532	15.001	15.628	–	14.031	0.185	0.066	4.330	FO
37107	$5^h35^m32^s.21$	$-70^\circ08'05.''5$	2.85225	722.24340	14.859	15.524	–	13.830	0.185	0.000	–	FO
37119	$5^h35^m21^s.68$	$-70^\circ07'00.''1$	2.79619	722.71503	14.878	15.557	–	13.826	0.185	0.081	3.529	FO
37131	$5^h35^m14^s.33$	$-70^\circ06'16.''0$	2.83960	723.67337	15.287	15.950	–	14.261	0.185	0.478	4.338	FU
37183	$5^h35^m34^s.93$	$-70^\circ06'45.''2$	2.39182	723.65990	15.185	15.877	–	14.114	0.185	0.058	5.473	FO
42892	$5^h35^m34^s.38$	$-70^\circ05'58.''2$	3.64601	722.64088	15.233	16.026	–	14.005	0.185	0.432	4.609	FU
42920	$5^h35^m35^s.04$	$-70^\circ05'25.''0$	3.20014	724.01195	15.232	16.055	–	13.958	0.185	0.418	4.426	FU
42945	$5^h35^m29^s.84$	$-70^\circ04'10.''2$	1.97588	724.63431	15.317	16.065	–	14.158	0.185	0.172	4.483	FO
47997	$5^h35^m20^s.68$	$-69^\circ59'09.''9$	2.81091	724.16820	14.927	15.657	–	13.797	0.185	0.000	–	FO
48261	$5^h35^m00^s.88$	$-70^\circ01'03.''7$	36.25750	720.55726	17.521	18.770	–	15.586	0.185	0.641	4.728	FA
52602	$5^h35^m24^s.48$	$-69^\circ57'24.''8$	4.51890	721.29207	15.080	15.958	–	13.721	0.185	0.228	4.653	FU
52627	$5^h35^m22^s.16$	$-69^\circ58'07.''9$	2.94280	722.78929	15.496	16.254	–	14.323	0.185	0.434	4.619	FU
52628	$5^h35^m30^s.92$	$-69^\circ58'05.''6$	4.22542	724.48560	15.617	16.873	–	13.672	0.185	0.451	4.593	FU
52633	$5^h35^m11^s.53$	$-69^\circ57'46.''8$	3.22123	724.50355	15.244	15.987	–	14.093	0.185	0.475	4.527	FU
57446	$5^h35^m00^s.06$	$-69^\circ53'59.''6$	2.20943	723.28103	15.062	15.694	–	14.084	0.181	0.094	5.006	FO
70661	$5^h35^m31^s.95$	$-69^\circ43'22.''1$	6.93523	722.64932	14.280	15.086	–	13.031	0.181	0.398	5.018	FU
75033	$5^h36^m09^s.03$	$-70^\circ37'01.''4$	1.27572	723.86927	16.977	17.472	–	16.210	0.135	0.544	4.420	FA
99240	$5^h35^m50^s.54$	$-70^\circ15'49.''8$	2.43760	724.42730	15.098	15.764	–	14.068	0.148	0.049	4.783	FO
99253	$5^h35^m42^s.32$	$-70^\circ14'30.''7$	3.21026	723.51146	15.197	15.854	–	14.180	0.148	0.426	4.413	FU
99255	$5^h35^m39^s.68$	$-70^\circ14'24.''8$	3.63447	724.98569	15.073	15.888	–	13.811	0.148	0.431	4.481	FU
99257	$5^h35^m38^s.88$	$-70^\circ14'20.''7$	2.25531	724.55848	15.083	15.665	–	14.180	0.148	0.000	–	FO
99259	$5^h35^m44^s.47$	$-70^\circ14'03.''3$	2.54551	724.46521	14.921	15.552	–	13.945	0.148	0.093	4.440	FO
99294	$5^h35^m40^s.21$	$-70^\circ14'19.''2$	2.05606	723.61242	15.181	15.770	–	14.268	0.148	0.145	4.637	FO
104483	$5^h35^m52^s.35$	$-70^\circ11'31.''8$	4.18017	724.95320	15.013	15.809	–	13.781	0.148	0.423	4.669	FU
104503	$5^h35^m55^s.83$	$-70^\circ12'11.''5$	3.51432	721.92395	15.333	16.099	–	14.148	0.148	0.446	4.617	FU
104536	$5^h35^m44^s.36$	$-70^\circ10'20.''4$	4.00513	724.65794	15.144	15.916	–	13.947	0.148	0.429	4.594	FU
109909	$5^h36^m10^s.06$	$-70^\circ09'24.''0$	2.87449	724.96430	15.771	16.687	–	14.354	0.185	0.413	4.536	FU
109928	$5^h35^m57^s.77$	$-70^\circ08'22.''7$	3.64773	724.15581	15.369	16.260	–	13.991	0.185	0.267	4.425	FU
115248	$5^h36^m05^s.46$	$-70^\circ04'27.''2$	2.62883	723.38817	15.188	16.004	–	13.924	0.185	0.082	4.563	FO
115249	$5^h35^m59^s.33$	$-70^\circ04'25.''1$	4.32412	720.90521	15.224	16.211	–	13.694	0.185	0.386	4.584	FU
115254	$5^h35^m51^s.97$	$-70^\circ04'01.''7$	3.88261	724.25392	15.247	16.064	–	13.982	0.185	0.436	4.551	FU
115256	$5^h35^m48^s.51$	$-70^\circ03'50.''9$	2.26512	723.40212	15.388	16.182	–	14.159	0.185	0.100	5.032	FO
119929	$5^h35^m55^s.53$	$-70^\circ00'29.''0$	3.69464	724.38915	14.727	15.540	–	13.467	0.185	0.186	3.642	FO
119952	$5^h36^m04^s.61$	$-70^\circ01'55.''4$	2.03517	723.37986	15.750	17.321	–	13.317	0.185	0.141	0.297	BR
119992	$5^h35^m53^s.57$	$-70^\circ02'03.''5$	1.34047	724.05652	16.511	17.480	–	15.010	0.185	0.111	4.379	FO
123683	$5^h35^m49^s.06$	$-69^\circ56'39.''2$	3.66054	723.70066	15.179	15.929	–	14.017	0.185	0.415	4.522	FU
123687	$5^h36^m14^s.19$	$-69^\circ56'20.''3$	2.25831	724.71701	15.780	16.972	–	13.935	0.185	0.093	4.571	FO

Table 3

Continued

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
127788	$5^h36^m17\overset{s}{.}10$	$-69^\circ54'15\overset{''}{.}2$	9.60918	717.44132	13.927	14.762	–	12.633	0.181	0.132	5.439	FU
132436	$5^h36^m09\overset{s}{.}07$	$-69^\circ50'05\overset{''}{.}6$	3.61866	722.60956	15.268	16.047	–	14.061	0.181	0.444	4.558	FU
136842	$5^h35^m55\overset{s}{.}61$	$-69^\circ48'27\overset{''}{.}7$	0.55873	724.81545	16.741	17.285	–	15.899	0.181	0.393	4.324	BR
140770	$5^h35^m38\overset{s}{.}62$	$-69^\circ43'31\overset{''}{.}2$	1.85742	724.21193	15.567	16.236	–	14.532	0.181	0.123	4.775	FO
144538	$5^h36^m50\overset{s}{.}09$	$-70^\circ36'34\overset{''}{.}2$	2.25518	723.43311	15.122	15.728	–	14.184	0.135	0.090	5.064	FO
147847	$5^h36^m16\overset{s}{.}98$	$-70^\circ30'56\overset{''}{.}2$	4.08807	724.24947	14.883	15.585	–	13.797	0.135	0.413	4.499	FU
158727	$5^h36^m29\overset{s}{.}09$	$-70^\circ23'09\overset{''}{.}6$	2.72229	724.91967	14.836	15.435	–	13.908	0.148	0.057	4.517	FO
158733	$5^h36^m29\overset{s}{.}90$	$-70^\circ22'40\overset{''}{.}9$	2.55410	722.51622	15.104	15.787	–	14.046	0.148	0.036	5.629	FO
158740	$5^h36^m20\overset{s}{.}08$	$-70^\circ21'27\overset{''}{.}6$	4.86736	724.72508	14.799	15.555	–	13.629	0.148	0.430	4.810	FU
158770	$5^h36^m28\overset{s}{.}46$	$-70^\circ22'05\overset{''}{.}0$	3.10900	722.83249	15.425	16.186	–	14.247	0.148	0.486	4.488	FU
163196	$5^h36^m20\overset{s}{.}87$	$-70^\circ17'36\overset{''}{.}5$	9.86536	719.49303	17.361	18.414	–	15.729	0.148	0.000	–	FA
167363	$5^h36^m59\overset{s}{.}13$	$-70^\circ16'14\overset{''}{.}6$	4.72921	723.64560	14.849	15.599	–	13.687	0.148	0.438	4.770	FU
167373	$5^h36^m35\overset{s}{.}19$	$-70^\circ15'41\overset{''}{.}2$	4.41278	724.82934	14.801	15.425	–	13.834	0.148	0.432	4.750	FU
167391	$5^h36^m18\overset{s}{.}21$	$-70^\circ13'24\overset{''}{.}6$	4.71377	723.09168	14.597	15.478	–	13.234	0.148	0.323	4.837	FO
167416	$5^h36^m39\overset{s}{.}40$	$-70^\circ16'03\overset{''}{.}6$	3.19467	724.32419	15.263	15.976	–	14.158	0.148	0.434	4.498	FU
167429	$5^h36^m52\overset{s}{.}53$	$-70^\circ15'21\overset{''}{.}5$	2.88135	724.57317	15.386	16.051	–	14.357	0.148	0.418	4.515	FU
167441	$5^h36^m25\overset{s}{.}69$	$-70^\circ14'54\overset{''}{.}0$	2.10518	724.28018	15.231	15.842	–	14.283	0.148	0.121	4.764	FO
167464	$5^h36^m19\overset{s}{.}56$	$-70^\circ13'24\overset{''}{.}3$	2.08324	723.63106	15.964	16.634	–	14.928	0.148	0.491	4.294	FU
172348	$5^h36^m56\overset{s}{.}48$	$-70^\circ12'36\overset{''}{.}0$	2.15958	724.20436	15.127	15.699	–	14.241	0.148	0.082	4.884	FO
172354	$5^h36^m52\overset{s}{.}98$	$-70^\circ12'07\overset{''}{.}8$	3.44908	723.28059	15.254	15.985	–	14.123	0.148	0.431	4.598	FU
172383	$5^h36^m55\overset{s}{.}30$	$-70^\circ09'44\overset{''}{.}4$	5.33924	722.54152	14.776	15.592	–	13.512	0.148	0.413	4.939	FU
172435	$5^h36^m54\overset{s}{.}83$	$-70^\circ10'11\overset{''}{.}7$	2.27102	723.10424	15.285	15.964	–	14.233	0.148	0.104	4.908	FO
172438	$5^h36^m26\overset{s}{.}31$	$-70^\circ10'09\overset{''}{.}9$	3.67029	724.88064	15.423	16.237	–	14.162	0.148	0.393	4.661	FU
172447	$5^h36^m51\overset{s}{.}15$	$-70^\circ09'52\overset{''}{.}5$	3.64388	723.94776	15.154	15.832	–	14.104	0.148	0.406	4.479	FU
172450	$5^h36^m53\overset{s}{.}33$	$-70^\circ09'51\overset{''}{.}4$	2.12318	724.80143	15.307	15.955	–	14.303	0.148	0.073	4.785	FO
172452	$5^h36^m33\overset{s}{.}88$	$-70^\circ09'49\overset{''}{.}3$	2.12037	724.14454	15.212	15.798	–	14.303	0.148	0.171	4.619	FO
172455	$5^h36^m53\overset{s}{.}88$	$-70^\circ09'47\overset{''}{.}2$	1.97267	723.60901	15.295	15.894	–	14.367	0.148	0.159	4.979	FO
172459	$5^h36^m52\overset{s}{.}04$	$-70^\circ09'43\overset{''}{.}9$	2.08792	724.43182	15.276	15.889	–	14.325	0.148	0.123	4.365	FO
172460	$5^h36^m53\overset{s}{.}56$	$-70^\circ09'43\overset{''}{.}0$	3.34067	723.46521	15.249	15.989	–	14.102	0.148	0.361	4.538	FU
172738	$5^h36^m29\overset{s}{.}00$	$-70^\circ11'34\overset{''}{.}3$	11.93626	716.42165	17.385	18.554	–	15.576	0.148	0.000	–	FA
177773	$5^h36^m47\overset{s}{.}15$	$-70^\circ09'37\overset{''}{.}4$	4.14658	723.88892	15.054	15.933	–	13.694	0.185	0.433	4.795	FU
177774	$5^h36^m56\overset{s}{.}94$	$-70^\circ09'40\overset{''}{.}2$	4.97643	723.99702	14.761	15.496	–	13.624	0.185	0.421	4.822	FU
177777	$5^h36^m54\overset{s}{.}70$	$-70^\circ09'29\overset{''}{.}7$	4.67694	723.82548	14.792	15.476	–	13.733	0.185	0.418	4.644	FU
177781	$5^h36^m54\overset{s}{.}20$	$-70^\circ08'59\overset{''}{.}4$	5.34543	724.04817	14.800	15.580	–	13.592	0.185	0.415	4.964	FU
177801	$5^h36^m29\overset{s}{.}93$	$-70^\circ07'06\overset{''}{.}7$	3.06831	723.70243	14.790	15.472	–	13.734	0.185	0.080	3.906	FO
177804	$5^h36^m21\overset{s}{.}65$	$-70^\circ06'37\overset{''}{.}8$	4.42742	720.70009	14.872	15.571	–	13.791	0.185	0.446	4.540	FU
177811	$5^h36^m53\overset{s}{.}82$	$-70^\circ06'24\overset{''}{.}2$	4.88909	722.06980	14.761	15.515	–	13.593	0.185	0.416	4.815	FU
177823	$5^h36^m52\overset{s}{.}88$	$-70^\circ09'30\overset{''}{.}6$	1.91792	724.12452	15.415	16.033	–	14.457	0.185	0.123	4.760	FO
177829	$5^h36^m36\overset{s}{.}07$	$-70^\circ09'14\overset{''}{.}0$	2.70457	723.74610	15.554	16.295	–	14.406	0.185	0.490	4.356	FU
177834	$5^h36^m36\overset{s}{.}69$	$-70^\circ09'06\overset{''}{.}3$	2.72760	722.93682	15.617	16.357	–	14.470	0.185	0.468	4.410	FU
183017	$5^h36^m25\overset{s}{.}70$	$-70^\circ05'24\overset{''}{.}6$	2.00056	723.97347	15.597	16.394	–	14.364	0.185	0.000	–	FO
183021	$5^h36^m34\overset{s}{.}40$	$-70^\circ05'20\overset{''}{.}3$	4.41642	723.92589	15.054	15.900	–	13.743	0.185	0.424	4.752	FU
183037	$5^h36^m23\overset{s}{.}20$	$-70^\circ04'07\overset{''}{.}2$	2.91707	724.33580	15.503	16.295	–	14.277	0.185	0.442	4.404	FU
183052	$5^h36^m23\overset{s}{.}31$	$-70^\circ03'07\overset{''}{.}2$	2.58079	722.75611	15.290	16.116	–	14.011	0.185	0.090	4.005	FO
187442	$5^h36^m18\overset{s}{.}72$	$-70^\circ00'41\overset{''}{.}5$	4.30287	721.67343	15.530	16.751	–	13.639	0.185	0.459	4.632	FU
187525	$5^h36^m54\overset{s}{.}44$	$-69^\circ59'08\overset{''}{.}0$	1.80495	724.76941	15.882	16.749	–	14.538	0.185	0.000	–	FO
190978	$5^h36^m30\overset{s}{.}29$	$-69^\circ57'51\overset{''}{.}0$	4.85207	724.58483	14.981	15.875	–	13.596	0.185	0.401	4.680	FU
190985	$5^h36^m59\overset{s}{.}37$	$-69^\circ57'14\overset{''}{.}5$	1.97337	724.77592	15.690	16.572	–	14.325	0.185	0.131	4.685	FO
191050	$5^h36^m54\overset{s}{.}79$	$-69^\circ56'26\overset{''}{.}4$	2.83064	722.23540	15.865	16.846	–	14.347	0.185	0.495	4.439	FU
191418	$5^h36^m38\overset{s}{.}93$	$-69^\circ57'55\overset{''}{.}6$	15.46073	715.04351	17.938	19.122	–	16.104	0.185	0.000	–	FA
194262	$5^h36^m56\overset{s}{.}02$	$-69^\circ55'18\overset{''}{.}7$	2.14536	723.91789	15.619	16.551	–	14.175	0.181	0.197	4.418	FO
194279	$5^h36^m24\overset{s}{.}01$	$-69^\circ54'05\overset{''}{.}5$	2.06555	723.87494	15.394	16.096	–	14.308	0.181	0.104	4.488	FO
198114	$5^h36^m28\overset{s}{.}36$	$-69^\circ49'15\overset{''}{.}0$	10.07403	723.80397	13.862	14.744	–	12.497	0.181	0.128	1.098	FU
198355	$5^h36^m21\overset{s}{.}92$	$-69^\circ49'59\overset{''}{.}7$	27.78095	714.49232	17.427	18.534	–	15.713	0.181	0.130	3.807	FA
211276	$5^h37^m37\overset{s}{.}33$	$-70^\circ32'01\overset{''}{.}4$	2.52122	724.22907	15.084	15.833	–	13.924	0.135	0.000	–	FO
214736	$5^h37^m38\overset{s}{.}47$	$-70^\circ29'52\overset{''}{.}0$	4.23338	724.30101	14.968	15.793	–	13.691	0.135	0.445	4.629	FU
218459	$5^h37^m08\overset{s}{.}58$	$-70^\circ27'12\overset{''}{.}1$	3.72007	723.28891	15.164	15.913	–	14.004	0.135	0.462	4.556	FU
218499	$5^h37^m37\overset{s}{.}70$	$-70^\circ25'52\overset{''}{.}3$	4.66255	722.78770	14.870	15.730	–	13.536	0.135	0.445	4.718	FU
218823	$5^h37^m18\overset{s}{.}71$	$-70^\circ27'12\overset{''}{.}4$	7.26909	723.46776	18.151	19.390	–	16.231	0.135	0.000	–	FA
222446	$5^h37^m22\overset{s}{.}85$	$-70^\circ23'43\overset{''}{.}8$	4.65036	721.24399	14.862	15.677	–	13.600	0.148	0.458	4.709	FU
222451	$5^h37^m30\overset{s}{.}38$	$-70^\circ22'34\overset{''}{.}5$	5.05309	720.99033	14.720	15.545	–	13.443	0.148	0.451	4.816	FU
222476	$5^h37^m33\overset{s}{.}90$	$-70^\circ23'07\overset{''}{.}4$	3.26946	723.95978	15.251	16.029	–	14.046	0.148	0.370	4.483	FU
222482	$5^h37^m12\overset{s}{.}58$	$-70^\circ22'23\overset{''}{.}3$	2.58937	724.01061	15.574	16.333	–	14.399	0.148	0.451	4.502	FU
222497	$5^h37^m37\overset{s}{.}36$	$-70^\circ20'47\overset{''}{.}1$	4.29904	720.84496	15.091	16.021	–	13.650	0.148	0.428	4.726	FU
226230	$5^h37^m18\overset{s}{.}06$	$-70^\circ17'42\overset{''}{.}6$	3.14576	723.62821	15.348	16.128	–	14.140	0.148	0.446	4.557	FU
230207	$5^h37^m38\overset{s}{.}42$	$-70^\circ16'05\overset{''}{.}9$	3.41787	723.25795	14.693	15.436	–	13.542	0.148	0.162	3.850	FO
230222	$5^h37^m39\overset{s}{.}24$	$-70^\circ14'16\overset{''}{.}7$	4.82044	721.51589	14.742	15.498	–	13.572	0.148	0.457	4.710	FU
230224	$5^h37^m35\overset{s}{.}69$	$-70^\circ14'08\overset{''}{.}9$	4.39460	722.58865	14.982	15.861	–	13.622	0.148	0.444	4.754	FU
230228	$5^h37^m30\overset{s}{.}21$	$-70^\circ13'57\overset{''}{.}6$	4.04413	722.35807	15.045	15.854	–	13.791	0.148	0.438	4.667	FU

T a b l e 3

Continued

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
230273	$5^h37^m38^s.91$	$-70^\circ14'43''.3$	1.85403	724.40937	15.338	16.031	–	14.265	0.148	0.221	4.171	FO
230281	$5^h37^m38^s.36$	$-70^\circ14'23''.0$	2.21544	723.73720	15.137	15.812	–	14.091	0.148	0.104	5.368	FO
230290	$5^h37^m38^s.73$	$-70^\circ14'09''.3$	3.64453	724.55678	15.139	15.920	–	13.929	0.148	0.391	4.515	FU
235434	$5^h37^m22^s.79$	$-70^\circ12'16''.2$	3.73701	721.43616	15.038	15.773	–	13.899	0.148	0.437	4.466	FU
235440	$5^h37^m23^s.69$	$-70^\circ11'43''.7$	2.21133	723.35166	15.219	15.932	–	14.114	0.148	0.110	4.490	FO
235460	$5^h37^m15^s.71$	$-70^\circ10'52''.3$	3.15507	724.67630	15.328	16.072	–	14.175	0.148	0.366	4.392	FU
235480	$5^h37^m02^s.55$	$-70^\circ10'00''.9$	2.04557	724.33725	15.367	16.041	–	14.322	0.148	0.160	4.725	FO
235485	$5^h37^m24^s.25$	$-70^\circ09'43''.1$	1.93584	724.98566	15.320	15.929	–	14.377	0.148	0.179	4.514	FO
240459	$5^h37^m01^s.04$	$-70^\circ08'01''.3$	5.57865	724.29562	14.702	15.574	–	13.350	0.185	0.308	5.018	FU
240460	$5^h37^m25^s.74$	$-70^\circ07'59''.0$	4.12065	722.29126	15.051	15.875	–	13.775	0.185	0.412	4.676	FU
240469	$5^h37^m03^s.01$	$-70^\circ07'27''.3$	3.30523	721.83339	14.862	15.636	–	13.663	0.185	0.136	3.866	FO
240480	$5^h37^m39^s.32$	$-70^\circ06'30''.8$	4.10999	723.67772	14.229	15.339	–	12.510	0.185	0.427	4.598	BR
240497	$5^h37^m36^s.54$	$-70^\circ08'51''.2$	3.17330	723.70026	15.387	16.201	–	14.126	0.185	0.408	4.540	FU
240517	$5^h37^m04^s.78$	$-70^\circ07'56''.0$	2.23872	724.40841	15.290	15.982	–	14.219	0.185	0.079	5.242	FO
240518	$5^h37^m02^s.91$	$-70^\circ07'53''.3$	2.12913	724.77135	15.347	16.041	–	14.273	0.185	0.111	4.715	FO
240524	$5^h37^m02^s.08$	$-70^\circ07'41''.0$	2.21601	723.11858	15.212	15.831	–	14.252	0.185	0.133	4.621	FO
240525	$5^h36^m59^s.33$	$-70^\circ07'40''.9$	1.86071	723.50445	15.419	16.006	–	14.509	0.185	0.221	4.388	FO
240725	$5^h37^m02^s.42$	$-70^\circ08'47''.8$	17.56780	716.34020	17.212	–	–	–	0.185	0.116	3.923	FA
245458	$5^h37^m35^s.60$	$-70^\circ05'55''.0$	1.89445	723.85065	15.171	15.771	–	14.242	0.185	0.133	4.175	FO
245478	$5^h37^m26^s.01$	$-70^\circ04'49''.4$	2.26473	723.56972	15.042	15.713	–	14.004	0.185	0.123	4.782	FO
245481	$5^h37^m03^s.52$	$-70^\circ04'33''.6$	3.92922	721.41351	15.022	15.804	–	13.811	0.185	0.430	4.655	FU
245490	$5^h37^m03^s.75$	$-70^\circ03'51''.7$	1.89381	724.57743	15.715	16.630	–	14.299	0.185	0.195	4.500	FO
253780	$5^h37^m39^s.05$	$-69^\circ58'34''.2$	2.54167	723.19668	15.044	15.832	–	13.824	0.185	0.079	4.106	FO
253789	$5^h37^m06^s.17$	$-69^\circ56'35''.9$	3.59188	724.39746	15.353	16.243	–	13.976	0.185	0.476	4.529	FU
253794	$5^h37^m28^s.92$	$-69^\circ55'59''.8$	2.11243	723.86680	15.570	16.499	–	14.131	0.185	0.080	4.758	FO
253980	$5^h37^m10^s.87$	$-69^\circ56'54''.3$	0.88326	724.38541	16.964	17.862	–	15.573	0.185	0.180	3.847	FO
257336	$5^h37^m16^s.60$	$-69^\circ54'04''.9$	2.40550	723.83795	15.552	16.613	–	13.908	0.181	0.121	4.792	FO
257563	$5^h37^m02^s.60$	$-69^\circ52'09''.5$	15.53234	715.71199	16.855	17.423	–	15.975	0.181	0.000	–	FA
266808	$5^h37^m36^s.40$	$-69^\circ44'20''.4$	1.35296	724.79428	16.494	17.599	–	14.783	0.181	0.158	4.782	FO
				LMC_SC17								
3542	$5^h37^m33^s.97$	$-70^\circ40'30''.5$	2.16283	722.90763	15.059	15.692	–	14.080	0.171	0.116	5.182	FO
3549	$5^h37^m42^s.26$	$-70^\circ39'02''.7$	2.04958	724.63357	15.380	16.147	–	14.191	0.171	0.156	4.701	FO
11199	$5^h37^m37^s.33$	$-70^\circ32'01''.4$	2.52110	724.20992	15.095	15.869	–	13.896	0.171	0.043	5.460	FO
11204	$5^h38^m03^s.78$	$-70^\circ31'31''.9$	6.13334	722.51355	14.698	15.598	–	13.304	0.171	0.351	5.158	FU
15426	$5^h37^m38^s.47$	$-70^\circ29'52''.0$	4.23326	724.34365	14.984	15.806	–	13.711	0.193	0.437	4.695	FU
15475	$5^h37^m51^s.61$	$-70^\circ28'40''.0$	2.01262	723.50047	15.577	16.399	–	14.304	0.193	0.165	4.617	FO
19793	$5^h37^m37^s.70$	$-70^\circ25'52''.3$	4.66227	722.79708	14.881	15.746	–	13.540	0.193	0.451	4.690	FU
19805	$5^h37^m54^s.64$	$-70^\circ23'49''.1$	4.55847	722.69230	15.279	16.339	–	13.637	0.193	0.257	4.706	FU
24561	$5^h37^m30^s.39$	$-70^\circ22'34''.5$	5.05309	721.05527	14.726	15.559	–	13.434	0.193	0.440	4.812	FU
24574	$5^h37^m37^s.36$	$-70^\circ20'47''.1$	4.29905	720.82918	15.114	16.065	–	13.642	0.193	0.407	4.772	FU
24582	$5^h37^m47^s.44$	$-70^\circ23'13''.4$	2.02664	723.57996	15.569	16.397	–	14.285	0.193	0.130	4.776	FO
24585	$5^h37^m33^s.91$	$-70^\circ23'07''.3$	3.26936	723.95031	15.267	16.041	–	14.068	0.193	0.412	4.538	FU
24611	$5^h37^m50^s.44$	$-70^\circ20'42''.6$	2.14927	724.06997	15.439	16.313	–	14.085	0.193	0.142	4.579	FO
24613	$5^h38^m04^s.46$	$-70^\circ20'29''.2$	8.49270	717.69439	15.993	16.949	–	14.512	0.193	0.168	5.896	FA
29007	$5^h38^m04^s.59$	$-70^\circ17'48''.8$	2.93381	723.32423	15.093	15.929	–	13.797	0.193	0.045	3.328	FO
29040	$5^h37^m51^s.40$	$-70^\circ17'56''.9$	2.17068	723.62635	15.426	16.207	–	14.216	0.193	0.096	4.991	FO
29509	$5^h37^m44^s.71$	$-70^\circ19'41''.8$	8.25032	724.91433	18.368	19.739	–	16.244	0.193	0.000	–	FA
33268	$5^h37^m38^s.40$	$-70^\circ16'05''.8$	3.41741	723.32594	14.707	15.458	–	13.544	0.175	0.159	3.972	FO
33271	$5^h37^m41^s.65$	$-70^\circ15'36''.7$	3.26120	721.89841	14.726	15.452	–	13.602	0.175	0.105	3.564	FO
33286	$5^h37^m38^s.35$	$-70^\circ14'23''.0$	2.21517	723.84675	15.157	15.829	–	14.118	0.175	0.120	4.146	FO
33289	$5^h37^m39^s.22$	$-70^\circ14'16''.7$	4.82058	721.57077	14.760	15.522	–	13.581	0.175	0.465	4.698	FU
33292	$5^h37^m35^s.68$	$-70^\circ14'08''.9$	4.39425	722.62297	14.977	15.833	–	13.652	0.175	0.452	4.710	FU
33296	$5^h37^m42^s.07$	$-70^\circ14'05''.1$	2.33253	723.97765	15.135	15.842	–	14.039	0.176	0.089	4.638	FO
33299	$5^h37^m30^s.20$	$-70^\circ13'57''.6$	4.04385	722.43556	15.035	15.921	–	13.664	0.175	0.427	4.672	FU
33301	$5^h37^m48^s.24$	$-70^\circ13'56''.6$	5.78371	722.82435	14.842	15.839	–	13.298	0.175	0.245	5.021	FU
33306	$5^h37^m47^s.78$	$-70^\circ13'48''.9$	3.36728	723.64425	15.423	16.318	–	14.037	0.176	0.457	4.599	FU
33351	$5^h37^m38^s.90$	$-70^\circ14'43''.3$	1.85403	724.42809	15.347	16.059	–	14.244	0.175	0.187	4.225	FO
33368	$5^h37^m38^s.72$	$-70^\circ14'09''.2$	3.64424	724.56633	15.145	15.956	–	13.888	0.175	0.392	4.505	FU
39482	$5^h37^m49^s.93$	$-70^\circ10'17''.0$	5.35495	720.71244	14.956	15.905	–	13.487	0.175	0.442	4.945	FU
39484	$5^h38^m02^s.23$	$-70^\circ10'08''.9$	3.54269	721.58932	14.685	15.464	–	13.478	0.175	0.125	3.478	FO
39517	$5^h37^m57^s.59$	$-70^\circ11'17''.4$	2.11362	723.56867	15.647	16.484	–	14.350	0.175	0.090	4.470	FO
45198	$5^h37^m39^s.31$	$-70^\circ06'30''.8$	4.11001	723.64716	14.239	15.384	–	12.465	0.176	0.427	4.572	BR
45207	$5^h37^m36^s.52$	$-70^\circ08'51''.2$	3.17309	723.74520	15.390	16.245	–	14.066	0.175	0.424	4.586	FU
45218	$5^h37^m25^s.74$	$-70^\circ07'58''.9$	4.12053	722.33637	15.014	–	–	–	0.175	0.417	4.651	FU
50018	$5^h37^m35^s.58$	$-70^\circ05'55''.0$	1.89467	723.75103	15.195	15.826	–	14.219	0.175	0.144	4.621	FO
50024	$5^h37^m26^s.01$	$-70^\circ04'49''.4$	2.26472	723.57814	15.025	–	–	–	0.175	0.165	5.187	FO
54750	$5^h37^m53^s.13$	$-70^\circ01'55''.2$	4.18526	721.78033	14.807	15.527	–	13.692	0.201	0.416	4.489	FU
54775	$5^h37^m44^s.15$	$-69^\circ59'06''.7$	5.95041	724.31969	14.415	15.276	–	13.080	0.202	0.372	4.648	FU
59761	$5^h37^m39^s.07$	$-69^\circ58'34''.2$	2.54155	723.26084	15.063	15.860	–	13.830	0.201	0.106	4.724	FO

Table 3

Continued

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
59772	$5^h37^m42\overset{s}{.}35$	$-69^\circ58'50\overset{''}{.}2$	2.83088	722.19445	15.653	16.562	–	14.246	0.201	0.363	4.500	FU
59796	$5^h38^m04\overset{s}{.}31$	$-69^\circ57'05\overset{''}{.}0$	1.98992	723.47655	15.416	16.162	–	14.260	0.201	0.171	4.542	FO
59808	$5^h37^m28\overset{s}{.}93$	$-69^\circ55'59\overset{''}{.}8$	2.11205	723.89661	15.556	16.483	–	14.120	0.202	0.000	–	FO
64566	$5^h37^m59\overset{s}{.}12$	$-69^\circ55'27\overset{''}{.}4$	2.47924	724.37641	15.251	16.152	–	13.856	0.201	0.062	4.511	FO
70123	$5^h37^m46\overset{s}{.}41$	$-69^\circ48'44\overset{''}{.}7$	28.96683	702.71171	18.189	19.406	–	16.304	0.201	0.000	–	FA
76725	$5^h38^m43\overset{s}{.}51$	$-70^\circ38'45\overset{''}{.}6$	7.52133	718.79652	14.238	15.115	–	12.881	0.171	0.307	5.107	FU
76749	$5^h38^m33\overset{s}{.}25$	$-70^\circ39'07\overset{''}{.}4$	3.22306	723.32578	15.295	16.030	–	14.158	0.171	0.477	4.527	FU
76788	$5^h38^m37\overset{s}{.}89$	$-70^\circ38'08\overset{''}{.}9$	2.66050	722.41139	15.611	16.377	–	14.423	0.171	0.511	4.465	FU
80220	$5^h38^m39\overset{s}{.}96$	$-70^\circ36'34\overset{''}{.}0$	2.25880	722.99045	15.281	16.011	–	14.151	0.171	0.077	5.721	FO
80221	$5^h38^m35\overset{s}{.}88$	$-70^\circ36'29\overset{''}{.}4$	2.39933	724.09806	15.755	16.496	–	14.607	0.171	0.459	4.384	FU
80229	$5^h38^m27\overset{s}{.}88$	$-70^\circ35'37\overset{''}{.}2$	1.91579	724.14768	15.608	16.424	–	14.344	0.171	0.152	4.595	FO
80238	$5^h38^m16\overset{s}{.}82$	$-70^\circ34'56\overset{''}{.}9$	3.53912	722.51688	15.332	16.201	–	13.985	0.171	0.463	4.602	FU
83619	$5^h38^m42\overset{s}{.}49$	$-70^\circ33'26\overset{''}{.}5$	3.84564	722.04819	15.264	16.137	–	13.911	0.171	0.449	4.560	FU
83644	$5^h38^m34\overset{s}{.}66$	$-70^\circ33'11\overset{''}{.}1$	1.95851	723.47310	15.705	16.578	–	14.352	0.171	0.111	4.806	FO
87165	$5^h38^m46\overset{s}{.}04$	$-70^\circ29'12\overset{''}{.}9$	1.65147	723.57812	15.125	16.096	–	13.621	0.193	0.159	4.243	BR
87208	$5^h38^m31\overset{s}{.}56$	$-70^\circ27'52\overset{''}{.}6$	3.19845	724.79655	15.437	16.261	–	14.161	0.193	0.439	4.453	FU
87209	$5^h38^m19\overset{s}{.}35$	$-70^\circ27'48\overset{''}{.}1$	2.05372	723.95991	15.633	16.461	–	14.351	0.193	0.000	–	FO
87211	$5^h38^m04\overset{s}{.}97$	$-70^\circ27'34\overset{''}{.}1$	3.87149	723.78423	15.396	16.406	–	13.832	0.193	0.418	4.640	FU
91079	$5^h38^m17\overset{s}{.}23$	$-70^\circ26'21\overset{''}{.}3$	5.13161	721.13615	15.172	16.224	–	13.542	0.193	0.424	4.881	FU
91089	$5^h38^m36\overset{s}{.}84$	$-70^\circ27'16\overset{''}{.}7$	3.54791	724.33369	15.235	16.029	–	14.006	0.193	0.404	4.482	FU
91102	$5^h38^m08\overset{s}{.}59$	$-70^\circ26'25\overset{''}{.}8$	1.76881	723.84322	15.623	16.375	–	14.458	0.193	0.188	4.563	FO
94909	$5^h38^m26\overset{s}{.}81$	$-70^\circ23'12\overset{''}{.}7$	2.67946	723.70756	15.044	15.767	–	13.925	0.193	0.000	–	FO
94941	$5^h38^m17\overset{s}{.}19$	$-70^\circ22'54\overset{''}{.}6$	1.83454	724.10084	15.511	16.191	–	14.458	0.193	0.204	4.584	FO
94946	$5^h38^m09\overset{s}{.}81$	$-70^\circ22'41\overset{''}{.}0$	3.52851	724.63644	15.365	16.229	–	14.025	0.193	0.382	4.644	FU
94959	$5^h38^m36\overset{s}{.}06$	$-70^\circ22'07\overset{''}{.}7$	2.18523	723.67615	15.492	16.325	–	14.200	0.193	0.095	4.704	FO
94967	$5^h38^m43\overset{s}{.}18$	$-70^\circ21'29\overset{''}{.}6$	3.57500	724.69616	15.380	16.250	–	14.031	0.193	0.436	4.641	FU
94969	$5^h38^m40\overset{s}{.}58$	$-70^\circ21'18\overset{''}{.}1$	3.30972	724.03203	15.495	16.400	–	14.094	0.193	0.425	4.511	FU
94971	$5^h38^m13\overset{s}{.}32$	$-70^\circ21'06\overset{''}{.}0$	2.29922	723.16093	15.361	16.180	–	14.093	0.193	0.108	4.592	FO
99111	$5^h38^m17\overset{s}{.}12$	$-70^\circ19'37\overset{''}{.}8$	2.30909	722.94712	15.257	16.011	–	14.089	0.193	0.122	4.931	FO
99137	$5^h38^m13\overset{s}{.}75$	$-70^\circ17'22\overset{''}{.}7$	4.10797	723.59659	15.874	17.190	–	13.836	0.193	0.261	4.646	FU
99139	$5^h38^m47\overset{s}{.}20$	$-70^\circ17'08\overset{''}{.}9$	1.91724	723.41218	15.816	16.745	–	14.377	0.193	0.121	4.703	FO
99739	$5^h38^m12\overset{s}{.}33$	$-70^\circ18'46\overset{''}{.}7$	7.96170	718.23377	18.625	19.352	–	17.500	0.193	0.000	–	FA
102941	$5^h38^m24\overset{s}{.}70$	$-70^\circ14'04\overset{''}{.}9$	4.48780	724.93418	15.067	15.886	–	13.799	0.175	0.323	4.663	FU
102956	$5^h38^m19\overset{s}{.}70$	$-70^\circ16'19\overset{''}{.}5$	2.01744	724.90379	15.640	16.515	–	14.284	0.175	0.156	4.649	FO
107167	$5^h38^m20\overset{s}{.}39$	$-70^\circ11'40\overset{''}{.}9$	2.44904	724.89264	15.635	16.749	–	13.908	0.176	0.062	4.743	FO
107170	$5^h38^m44\overset{s}{.}74$	$-70^\circ11'23\overset{''}{.}7$	3.90777	721.21549	15.910	17.321	–	13.726	0.175	0.423	4.597	FU
110851	$5^h38^m40\overset{s}{.}64$	$-70^\circ06'38\overset{''}{.}3$	1.95363	724.09181	15.906	17.015	–	14.189	0.175	0.160	4.655	FO
110883	$5^h38^m30\overset{s}{.}23$	$-70^\circ07'56\overset{''}{.}0$	3.47149	722.89005	16.559	18.338	–	13.803	0.175	0.440	4.536	FU
114061	$5^h38^m30\overset{s}{.}09$	$-70^\circ05'26\overset{''}{.}3$	5.62011	721.67074	15.215	16.432	–	13.330	0.175	0.422	4.933	FU
117748	$5^h38^m31\overset{s}{.}82$	$-69^\circ59'31\overset{''}{.}2$	3.57231	723.51809	14.815	15.652	–	13.518	0.201	0.175	3.624	FO
122395	$5^h38^m07\overset{s}{.}82$	$-69^\circ56'22\overset{''}{.}6$	3.62767	724.86119	15.348	16.256	–	13.942	0.201	0.446	4.614	FU
122399	$5^h38^m46\overset{s}{.}38$	$-69^\circ56'09\overset{''}{.}1$	2.78335	722.84998	15.756	17.045	–	13.760	0.201	0.000	–	FO
123327	$5^h38^m07\overset{s}{.}30$	$-69^\circ56'12\overset{''}{.}1$	4.05215	722.31082	18.144	19.339	–	16.294	0.201	0.000	–	FA
126402	$5^h38^m23\overset{s}{.}31$	$-69^\circ53'36\overset{''}{.}5$	2.29472	724.98264	15.434	16.256	–	14.161	0.201	0.124	4.704	FO
130248	$5^h38^m45\overset{s}{.}90$	$-69^\circ50'33\overset{''}{.}5$	4.85230	721.58865	15.150	16.158	–	13.589	0.201	0.303	4.772	FU
140230	$5^h38^m57\overset{s}{.}53$	$-70^\circ34'27\overset{''}{.}8$	2.89062	724.14882	14.982	15.774	–	13.756	0.171	0.083	4.432	FO
140231	$5^h39^m17\overset{s}{.}92$	$-70^\circ34'25\overset{''}{.}6$	4.16567	721.17185	15.141	16.003	–	13.804	0.171	0.437	4.705	FU
146711	$5^h38^m50\overset{s}{.}67$	$-70^\circ29'39\overset{''}{.}5$	1.88307	724.42728	15.455	16.141	–	14.393	0.193	0.198	4.409	FO
146713	$5^h38^m51\overset{s}{.}49$	$-70^\circ29'36\overset{''}{.}1$	1.50677	723.80222	15.781	16.446	–	14.752	0.193	0.205	4.288	FO
146720	$5^h39^m21\overset{s}{.}08$	$-70^\circ28'54\overset{''}{.}3$	3.38407	722.74694	15.689	16.651	–	14.199	0.193	0.313	4.585	FU
150150	$5^h38^m58\overset{s}{.}97$	$-70^\circ23'56\overset{''}{.}6$	4.69949	722.66101	15.081	16.006	–	13.648	0.193	0.410	4.778	FU
150217	$5^h39^m02\overset{s}{.}29$	$-70^\circ26'15\overset{''}{.}6$	0.80867	724.57200	16.900	17.688	–	15.680	0.193	0.190	3.719	FO
153916	$5^h39^m25\overset{s}{.}74$	$-70^\circ20'59\overset{''}{.}0$	10.04314	716.82812	14.063	15.009	–	12.599	0.193	0.041	5.569	FU
153917	$5^h39^m08\overset{s}{.}22$	$-70^\circ20'16\overset{''}{.}7$	7.96060	723.70076	14.165	15.015	–	12.848	0.193	0.243	4.920	FU
153923	$5^h38^m56\overset{s}{.}40$	$-70^\circ23'02\overset{''}{.}1$	9.35332	719.77220	14.538	15.765	–	12.638	0.193	0.145	0.263	FU
153986	$5^h38^m54\overset{s}{.}76$	$-70^\circ20'59\overset{''}{.}1$	1.74442	723.27346	16.022	16.960	–	14.570	0.193	0.102	4.377	FO
157908	$5^h38^m54\overset{s}{.}78$	$-70^\circ18'42\overset{''}{.}6$	11.52911	715.80836	14.111	15.213	–	12.404	0.193	0.107	2.835	FU
157914	$5^h38^m51\overset{s}{.}45$	$-70^\circ20'12\overset{''}{.}7$	5.74562	721.39154	15.068	16.125	–	13.430	0.193	0.303	5.031	FU
157949	$5^h39^m15\overset{s}{.}64$	$-70^\circ18'48\overset{''}{.}5$	2.99705	722.71578	15.733	16.725	–	14.196	0.193	0.451	4.501	FU
157955	$5^h39^m04\overset{s}{.}02$	$-70^\circ18'35\overset{''}{.}6$	1.84920	724.78894	15.614	16.459	–	14.305	0.193	0.190	4.431	FO
161756	$5^h39^m14\overset{s}{.}39$	$-70^\circ14'10\overset{''}{.}7$	2.09099	723.04032	15.758	–	–	–	0.175	0.089	5.051	FO
161761	$5^h39^m05\overset{s}{.}04$	$-70^\circ13'49\overset{''}{.}4$	2.94886	724.58682	15.620	16.444	–	14.344	0.175	0.464	4.389	FU
165084	$5^h38^m57\overset{s}{.}32$	$-70^\circ11'14\overset{''}{.}6$	3.72258	722.53723	15.864	17.129	–	13.906	0.175	0.424	4.615	FU
165146	$5^h39^m25\overset{s}{.}90$	$-70^\circ10'58\overset{''}{.}4$	2.26534	723.89020	16.993	18.821	–	14.163	0.175	0.154	4.273	FO
168282	$5^h39^m16\overset{s}{.}99$	$-70^\circ09'15\overset{''}{.}6$	3.63728	724.47385	15.905	17.168	–	13.950	0.175	0.400	4.496	FU
168290	$5^h39^m07\overset{s}{.}01$	$-70^\circ07'42\overset{''}{.}2$	3.81314	723.19586	15.740	16.900	–	13.944	0.175	0.339	4.665	FU
168302	$5^h39^m16\overset{s}{.}95$	$-70^\circ06'36\overset{''}{.}0$	1.58698	723.85211	15.795	16.575	–	14.587	0.175	0.172	4.398	FO
168328	$5^h38^m56\overset{s}{.}15$	$-70^\circ08'33\overset{''}{.}0$	2.92493	722.29420	16.041	17.338	–	14.033	0.175	0.436	4.368	FU
171481	$5^h39^m19\overset{s}{.}40$	$-70^\circ05'32\overset{''}{.}5$	2.53791	722.47991	15.479	16.419	–	14.024	0.175	0.132	0.261	FO

Table 3

Continued

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
171547	$5^h39^m19^s.21$	$-70^\circ04'28.''9$	1.96584	724.72000	16.728	18.212	–	14.431	0.175	0.145	4.769	FO
175068	$5^h39^m26^s.70$	$-70^\circ02'20.''0$	2.50327	724.35171	15.247	16.056	–	13.993	0.201	0.092	4.645	FO
175076	$5^h38^m49^s.78$	$-70^\circ01'10.''1$	3.44450	723.09990	15.361	16.228	–	14.017	0.201	0.400	4.477	FU
179984	$5^h39^m28^s.78$	$-69^\circ55'47.''9$	16.13755	724.86173	18.157	19.377	–	16.268	0.201	0.000	–	FA
182624	$5^h39^m26^s.88$	$-69^\circ53'58.''1$	1.41318	723.80650	16.310	17.281	–	14.806	0.201	0.227	4.096	FO
186006	$5^h39^m01^s.11$	$-69^\circ51'35.''2$	1.32058	724.91847	16.608	17.566	–	15.124	0.202	0.196	4.426	FO
189196	$5^h40^m00^s.87$	$-70^\circ42'36.''3$	2.79263	722.50701	15.858	16.873	–	14.287	0.171	0.403	4.525	FU
191790	$5^h39^m35^s.16$	$-70^\circ41'17.''4$	3.16699	723.40046	15.739	16.835	–	14.041	0.171	0.424	4.567	FU
194574	$5^h39^m33^s.12$	$-70^\circ35'15.''3$	3.88387	723.06930	15.235	16.109	–	13.881	0.171	0.434	4.561	FU
194894	$5^h39^m38^s.60$	$-70^\circ37'20.''8$	6.79877	723.98348	18.361	19.489	–	16.615	0.171	0.000	–	FA
197292	$5^h40^m01^s.99$	$-70^\circ31'03.''5$	3.79766	724.06930	15.053	15.921	–	13.707	0.171	0.457	4.471	FU
200392	$5^h39^m45^s.03$	$-70^\circ30'47.''9$	2.45835	724.32439	15.627	16.359	–	14.494	0.193	0.499	4.262	FU
200401	$5^h40^m05^s.32$	$-70^\circ30'11.''7$	2.31272	723.63177	15.427	16.386	–	13.941	0.193	0.120	4.689	FO
200415	$5^h39^m51^s.40$	$-70^\circ28'52.''7$	2.87083	724.65203	15.466	16.254	–	14.246	0.193	0.411	4.424	FU
200426	$5^h39^m32^s.26$	$-70^\circ28'04.''5$	2.10923	723.38821	15.296	16.010	–	14.190	0.193	0.154	4.564	FO
200430	$5^h40^m10^s.10$	$-70^\circ27'45.''8$	2.02249	723.93253	15.209	15.919	–	14.109	0.193	0.174	4.627	FO
203718	$5^h39^m32^s.49$	$-70^\circ26'28.''5$	6.58788	721.41420	14.629	15.564	–	13.181	0.193	0.315	5.350	FU
203724	$5^h39^m52^s.80$	$-70^\circ25'55.''0$	3.77753	723.26509	15.081	15.895	–	13.820	0.193	0.432	4.556	FU
203764	$5^h39^m47^s.42$	$-70^\circ24'43.''0$	4.10340	723.87821	15.168	16.091	–	13.738	0.193	0.422	4.617	FU
203767	$5^h40^m11^s.00$	$-70^\circ24'30.''9$	1.99002	724.90268	15.369	16.123	–	14.201	0.193	0.120	4.466	FO
207446	$5^h39^m38^s.51$	$-70^\circ23'19.''5$	8.27733	723.56712	14.103	15.036	–	12.658	0.193	0.347	5.381	FU
207457	$5^h39^m33^s.36$	$-70^\circ22'34.''8$	3.64371	723.24140	15.196	16.015	–	13.928	0.193	0.448	4.486	FU
207480	$5^h40^m06^s.46$	$-70^\circ23'31.''7$	3.58373	724.39801	15.226	16.065	–	13.926	0.193	0.433	4.715	FU
207496	$5^h39^m41^s.93$	$-70^\circ22'07.''6$	2.31655	723.93002	15.227	15.961	–	14.091	0.193	0.108	4.756	FO
207502	$5^h39^m32^s.58$	$-70^\circ21'48.''2$	2.13406	724.97041	15.414	16.199	–	14.198	0.193	0.125	4.481	FO
207506	$5^h40^m08^s.33$	$-70^\circ21'36.''2$	3.27821	721.96144	15.361	16.293	–	13.917	0.193	0.454	4.588	FU
211288	$5^h39^m41^s.17$	$-70^\circ20'00.''6$	3.06812	722.07699	14.917	15.740	–	13.643	0.193	0.122	3.393	FO
211310	$5^h39^m59^s.41$	$-70^\circ19'46.''6$	2.02375	723.86419	15.452	16.244	–	14.226	0.193	0.098	4.511	FO
211311	$5^h39^m32^s.41$	$-70^\circ19'39.''6$	2.21010	724.41507	15.413	16.243	–	14.126	0.193	0.135	4.692	FO
211317	$5^h39^m46^s.90$	$-70^\circ19'30.''2$	2.38439	724.60523	15.308	16.170	–	13.971	0.193	0.059	5.030	FO
211372	$5^h39^m44^s.96$	$-70^\circ19'14.''1$	2.11297	723.96336	16.044	17.396	–	13.950	0.193	0.134	4.692	BR
214828	$5^h39^m44^s.49$	$-70^\circ16'28.''9$	4.78954	724.25172	15.116	16.097	–	13.598	0.175	0.230	4.901	FU
214838	$5^h39^m50^s.32$	$-70^\circ13'26.''6$	4.92067	722.15541	14.854	15.748	–	13.469	0.176	0.417	4.751	FU
214843	$5^h40^m02^s.02$	$-70^\circ16'13.''3$	5.55726	722.40221	15.625	17.269	–	13.078	0.176	0.301	4.864	FO
214859	$5^h39^m55^s.85$	$-70^\circ15'12.''8$	1.95437	723.32354	15.623	16.524	–	14.228	0.175	0.172	4.542	FO
214860	$5^h40^m08^s.03$	$-70^\circ15'04.''7$	2.30295	724.48858	15.980	17.392	–	13.794	0.175	0.060	5.273	BR
221134	$5^h39^m44^s.56$	$-70^\circ08'21.''9$	11.22392	719.84041	16.328	17.489	–	14.531	0.175	0.149	1.745	FA
223982	$5^h39^m52^s.99$	$-70^\circ04'50.''6$	4.86293	722.41859	14.868	15.752	–	13.500	0.175	0.414	4.861	FU
224012	$5^h39^m47^s.75$	$-70^\circ03'54.''7$	4.91717	723.53398	15.018	16.027	–	13.456	0.175	0.423	4.723	FU
224169	$5^h40^m03^s.18$	$-70^\circ04'47.''8$	1.32156	724.42815	16.971	17.310	–	16.445	0.175	0.570	4.606	FA
227509	$5^h39^m38^s.92$	$-70^\circ02'31.''4$	7.19299	722.49933	14.678	15.820	–	12.911	0.201	0.339	5.072	FU
227513	$5^h39^m47^s.50$	$-70^\circ01'16.''8$	4.81291	721.62816	14.906	15.747	–	13.603	0.201	0.477	4.780	FU
231021	$5^h39^m41^s.14$	$-69^\circ58'01.''4$	1.55472	723.85643	17.761	18.492	–	16.630	0.201	0.000	–	FA
234288	$5^h39^m46^s.07$	$-69^\circ54'05.''1$	2.21451	723.53117	15.493	16.398	–	14.092	0.201	0.086	5.187	FO
234504	$5^h40^m04^s.53$	$-69^\circ52'47.''6$	41.49549	721.04759	17.527	18.736	–	15.654	0.201	0.292	5.443	FA
237748	$5^h39^m50^s.08$	$-69^\circ50'53.''0$	4.14634	720.90479	18.284	20.198	–	15.321	0.201	0.421	5.683	FA
				LMC_SC18								
50	$5^h40^m22^s.88$	$-70^\circ49'48.''7$	1.61268	723.72273	15.808	16.560	–	14.643	0.182	0.199	4.411	FO
3078	$5^h39^m59^s.17$	$-70^\circ46'41.''6$	3.54067	721.55399	15.430	16.427	–	13.886	0.182	0.422	4.550	FU
6114	$5^h40^m00^s.85$	$-70^\circ42'36.''2$	2.79244	722.50823	15.848	16.868	–	14.267	0.182	0.402	4.496	FU
14864	$5^h40^m33^s.21$	$-70^\circ32'24.''2$	1.88785	724.18468	15.715	16.572	–	14.388	0.178	0.164	4.629	FO
17714	$5^h40^m02^s.00$	$-70^\circ31'03.''5$	3.79772	724.06660	15.054	15.886	–	13.764	0.178	0.454	4.487	FU
17724	$5^h40^m05^s.33$	$-70^\circ30'11.''7$	2.31282	723.63438	15.426	16.379	–	13.951	0.178	0.109	4.653	FO
17739	$5^h40^m32^s.16$	$-70^\circ28'29.''4$	2.03828	724.16496	15.454	16.199	–	14.300	0.178	0.093	4.542	FO
20948	$5^h40^m10^s.11$	$-70^\circ27'45.''8$	2.02272	723.90175	15.244	15.925	–	14.189	0.178	0.136	4.524	FO
20966	$5^h40^m13^s.18$	$-70^\circ26'35.''2$	2.08031	724.28325	15.430	16.197	–	14.241	0.179	0.120	5.122	FO
20975	$5^h40^m23^s.77$	$-70^\circ25'44.''2$	3.04636	722.93721	15.456	16.242	–	14.239	0.178	0.445	4.556	FU
24980	$5^h40^m31^s.29$	$-70^\circ23'55.''1$	2.59525	724.62752	15.020	15.735	–	13.913	0.173	0.085	4.661	FO
24988	$5^h40^m32^s.66$	$-70^\circ23'19.''1$	4.11710	723.70577	15.062	15.842	–	13.854	0.173	0.459	4.630	FU
25000	$5^h40^m11^s.00$	$-70^\circ24'30.''9$	1.99008	724.88781	15.394	16.122	–	14.267	0.173	0.126	4.793	FO
25015	$5^h40^m06^s.47$	$-70^\circ23'31.''7$	3.58358	724.34699	15.226	16.054	–	13.944	0.173	0.450	4.596	FU
25039	$5^h40^m26^s.56$	$-70^\circ21'46.''7$	2.68234	722.90049	15.538	16.273	–	14.401	0.173	0.441	4.488	FU
25041	$5^h40^m08^s.32$	$-70^\circ21'36.''2$	3.27854	721.93146	15.373	16.214	–	14.070	0.173	0.449	4.550	FU
29186	$5^h40^m31^s.94$	$-70^\circ21'00.''9$	3.95336	721.79846	15.151	15.931	–	13.943	0.173	0.449	4.721	FU
29194	$5^h40^m33^s.18$	$-70^\circ20'27.''6$	5.40933	720.66158	14.858	15.767	–	13.451	0.173	0.417	5.038	FU
29197	$5^h40^m26^s.82$	$-70^\circ19'58.''1$	6.61252	722.66309	14.532	15.398	–	13.189	0.173	0.255	5.314	FU
29199	$5^h40^m15^s.70$	$-70^\circ19'53.''7$	3.55054	721.97134	15.254	16.091	–	13.957	0.173	0.415	4.602	FU
29237	$5^h39^m59^s.40$	$-70^\circ19'46.''6$	2.02355	723.88883	15.436	16.231	–	14.206	0.173	0.048	4.473	FO
29260	$5^h40^m32^s.47$	$-70^\circ18'02.''4$	3.24652	724.47283	15.284	16.014	–	14.154	0.173	0.467	4.441	FU

T a b l e 3

Continued

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
33576	$5^h40^m02\overset{s}{.}01$	$-70^\circ16'13\overset{''}{.}3$	5.55681	722.51724	15.620	17.268	–	13.068	0.173	0.331	4.921	FO
33591	$5^h39^m55\overset{s}{.}85$	$-70^\circ15'12\overset{''}{.}8$	1.95439	723.34499	15.613	–	–	–	0.173	0.139	4.800	FO
33594	$5^h40^m08\overset{s}{.}03$	$-70^\circ15'04\overset{''}{.}8$	2.30318	724.43615	16.000	17.404	–	13.826	0.173	0.070	4.925	BR
37403	$5^h40^m28\overset{s}{.}86$	$-70^\circ10'38\overset{''}{.}6$	2.15738	724.42797	15.348	16.128	–	14.140	0.173	0.140	4.664	FO
45402	$5^h40^m17\overset{s}{.}14$	$-70^\circ05'20\overset{''}{.}3$	0.58083	724.75994	17.206	18.039	–	15.914	0.170	0.221	3.401	FO
45433	$5^h40^m03\overset{s}{.}22$	$-70^\circ04'47\overset{''}{.}8$	1.32152	724.45766	16.969	17.504	–	16.140	0.170	0.579	4.624	FA
49311	$5^h40^m33\overset{s}{.}57$	$-70^\circ01'50\overset{''}{.}6$	3.20623	723.39072	15.576	16.411	–	14.282	0.170	0.409	4.683	FU
49343	$5^h40^m32\overset{s}{.}81$	$-70^\circ01'34\overset{''}{.}2$	1.84815	723.91130	15.775	16.615	–	14.473	0.170	0.141	4.692	FO
53375	$5^h40^m12\overset{s}{.}89$	$-69^\circ57'40\overset{''}{.}0$	1.84403	723.56326	15.977	17.069	–	14.285	0.170	0.202	4.486	FO
59963	$5^h40^m39\overset{s}{.}70$	$-70^\circ46'03\overset{''}{.}3$	9.73272	715.74796	14.048	15.033	–	12.521	0.182	0.173	5.997	FU
60052	$5^h41^m13\overset{s}{.}45$	$-70^\circ47'43\overset{''}{.}9$	1.25091	724.22415	16.362	17.222	–	15.028	0.182	0.107	4.063	FO
69137	$5^h40^m39\overset{s}{.}86$	$-70^\circ38'28\overset{''}{.}9$	4.18875	722.84863	15.346	16.345	–	13.799	0.178	0.304	4.658	FU
69166	$5^h41^m11\overset{s}{.}19$	$-70^\circ35'49\overset{''}{.}1$	2.14008	724.89944	15.366	16.132	–	14.178	0.179	0.181	4.398	FO
72000	$5^h40^m43\overset{s}{.}19$	$-70^\circ34'09\overset{''}{.}7$	3.83826	722.95254	15.351	16.274	–	13.921	0.179	0.401	4.712	FU
72029	$5^h40^m54\overset{s}{.}60$	$-70^\circ32'56\overset{''}{.}5$	3.10261	722.56766	15.408	16.184	–	14.206	0.178	0.445	4.496	FU
74813	$5^h40^m47\overset{s}{.}68$	$-70^\circ29'28\overset{''}{.}8$	2.17044	722.89195	15.425	16.196	–	14.230	0.178	0.138	5.002	FO
75012	$5^h41^m15\overset{s}{.}76$	$-70^\circ28'46\overset{''}{.}6$	11.07217	719.87451	17.502	18.212	–	16.402	0.178	0.000	–	FA
81414	$5^h41^m09\overset{s}{.}25$	$-70^\circ24'10\overset{''}{.}6$	5.10856	722.26934	14.780	15.589	–	13.526	0.173	0.456	4.863	FU
81430	$5^h40^m43\overset{s}{.}10$	$-70^\circ21'54\overset{''}{.}4$	3.43486	722.64736	15.201	15.949	–	14.042	0.173	0.395	4.574	FU
81432	$5^h41^m11\overset{s}{.}87$	$-70^\circ21'55\overset{''}{.}0$	3.99920	722.62452	15.182	16.035	–	13.861	0.173	0.370	4.526	FU
81440	$5^h41^m06\overset{s}{.}62$	$-70^\circ24'19\overset{''}{.}1$	3.02574	722.66145	15.599	16.458	–	14.269	0.173	0.453	4.580	FU
81454	$5^h41^m07\overset{s}{.}96$	$-70^\circ22'55\overset{''}{.}3$	2.02331	724.11582	15.484	16.256	–	14.287	0.173	0.140	4.708	FO
81459	$5^h40^m52\overset{s}{.}09$	$-70^\circ22'36\overset{''}{.}8$	2.23414	723.88030	15.913	16.681	–	14.722	0.173	0.472	4.381	FU
85244	$5^h41^m05\overset{s}{.}45$	$-70^\circ19'36\overset{''}{.}7$	4.06084	722.15126	14.990	15.744	–	13.822	0.173	0.415	4.643	FU
85260	$5^h40^m43\overset{s}{.}90$	$-70^\circ20'53\overset{''}{.}3$	2.63665	722.98752	15.639	16.398	–	14.464	0.173	0.472	4.384	FU
85282	$5^h41^m16\overset{s}{.}54$	$-70^\circ18'26\overset{''}{.}1$	1.95978	723.37093	15.594	16.428	–	14.301	0.173	0.093	4.460	FO
89131	$5^h40^m58\overset{s}{.}13$	$-70^\circ17'04\overset{''}{.}7$	3.14404	723.51233	15.434	16.573	–	13.672	0.173	0.000	–	FO
89161	$5^h40^m54\overset{s}{.}39$	$-70^\circ16'06\overset{''}{.}7$	2.32628	724.31121	15.700	16.724	–	14.113	0.173	0.054	5.298	FO
89164	$5^h40^m59\overset{s}{.}41$	$-70^\circ15'54\overset{''}{.}9$	1.94651	723.18210	15.655	16.522	–	14.311	0.173	0.211	4.436	FO
96375	$5^h41^m17\overset{s}{.}50$	$-70^\circ07'30\overset{''}{.}6$	2.38738	722.89180	15.477	16.410	–	14.032	0.170	0.062	4.137	FO
110879	$5^h41^m34\overset{s}{.}68$	$-70^\circ50'53\overset{''}{.}9$	3.71764	721.45690	15.186	16.046	–	13.855	0.182	0.441	4.623	FU
110903	$5^h41^m57\overset{s}{.}64$	$-70^\circ50'55\overset{''}{.}7$	3.08563	724.29846	15.613	16.534	–	14.188	0.182	0.432	4.621	FU
111123	$5^h41^m18\overset{s}{.}59$	$-70^\circ49'58\overset{''}{.}0$	17.49756	715.32445	17.435	18.767	–	15.371	0.182	0.213	3.983	FA
113689	$5^h41^m27\overset{s}{.}58$	$-70^\circ47'45\overset{''}{.}6$	16.16072	716.42569	13.618	14.781	–	11.818	0.182	0.330	5.040	FU
116444	$5^h41^m18\overset{s}{.}01$	$-70^\circ44'23\overset{''}{.}9$	2.51126	723.53118	15.724	16.564	–	14.422	0.182	0.447	4.334	FU
125495	$5^h41^m44\overset{s}{.}92$	$-70^\circ33'02\overset{''}{.}5$	16.25603	716.34869	18.446	19.949	–	16.118	0.178	0.510	5.247	FA
127632	$5^h41^m53\overset{s}{.}66$	$-70^\circ31'41\overset{''}{.}4$	2.78083	722.66398	15.584	16.424	–	14.282	0.178	0.490	4.406	FU
127651	$5^h41^m56\overset{s}{.}21$	$-70^\circ30'21\overset{''}{.}7$	3.47758	722.36358	15.358	16.233	–	14.002	0.178	0.444	4.516	FU
130425	$5^h41^m21\overset{s}{.}97$	$-70^\circ26'25\overset{''}{.}1$	4.06419	721.23393	15.076	15.862	–	13.859	0.178	0.456	4.652	FU
130469	$5^h41^m50\overset{s}{.}76$	$-70^\circ25'05\overset{''}{.}9$	4.54995	723.08594	15.067	15.963	–	13.679	0.178	0.390	4.752	FU
133771	$5^h41^m50\overset{s}{.}57$	$-70^\circ23'36\overset{''}{.}4$	3.33398	724.08769	15.304	16.074	–	14.110	0.173	0.452	4.459	FU
133782	$5^h41^m19\overset{s}{.}09$	$-70^\circ22'50\overset{''}{.}7$	3.68424	721.94677	15.262	16.133	–	13.912	0.173	0.387	4.618	FU
137407	$5^h41^m26\overset{s}{.}59$	$-70^\circ19'34\overset{''}{.}6$	2.73926	722.46415	15.691	16.553	–	14.354	0.173	0.466	4.512	FU
137424	$5^h41^m24\overset{s}{.}44$	$-70^\circ17'48\overset{''}{.}0$	3.40472	722.17616	16.104	17.382	–	14.124	0.173	0.429	4.663	FU
137680	$5^h41^m47\overset{s}{.}74$	$-70^\circ17'51\overset{''}{.}2$	0.51780	724.92048	17.339	17.980	–	16.348	0.173	0.298	3.154	FO
140993	$5^h41^m23\overset{s}{.}73$	$-70^\circ16'58\overset{''}{.}0$	4.63324	722.70554	14.980	15.835	–	13.656	0.173	0.441	4.699	FU
141015	$5^h41^m35\overset{s}{.}32$	$-70^\circ17'34\overset{''}{.}3$	2.92446	722.45683	15.519	16.303	–	14.305	0.173	0.486	4.415	FU
141019	$5^h41^m34\overset{s}{.}35$	$-70^\circ17'22\overset{''}{.}6$	2.26986	724.91304	15.442	16.286	–	14.134	0.173	0.101	4.628	FO
144653	$5^h41^m58\overset{s}{.}29$	$-70^\circ13'17\overset{''}{.}4$	4.15833	723.84599	14.562	15.399	–	13.265	0.173	0.166	4.504	FO
144662	$5^h41^m23\overset{s}{.}11$	$-70^\circ11'52\overset{''}{.}0$	2.38412	724.29685	15.221	15.956	–	14.082	0.173	0.105	4.578	FO
148335	$5^h41^m53\overset{s}{.}95$	$-70^\circ09'43\overset{''}{.}8$	2.01183	724.10400	15.246	15.886	–	14.257	0.170	0.181	4.535	FO
166199	$5^h42^m06\overset{s}{.}43$	$-70^\circ47'24\overset{''}{.}5$	1.91290	723.59529	15.699	16.606	–	14.295	0.182	0.093	4.958	FO
174762	$5^h42^m16\overset{s}{.}74$	$-70^\circ36'12\overset{''}{.}4$	17.79189	723.70895	13.626	14.807	–	11.797	0.178	0.218	4.961	FU
174802	$5^h42^m25\overset{s}{.}36$	$-70^\circ38'45\overset{''}{.}3$	0.90961	724.56672	16.702	17.580	–	15.343	0.178	0.144	3.871	FO
185821	$5^h42^m18\overset{s}{.}29$	$-70^\circ22'27\overset{''}{.}7$	2.09263	724.91431	15.556	16.438	–	14.191	0.173	0.085	5.231	FO
185830	$5^h42^m03\overset{s}{.}17$	$-70^\circ21'18\overset{''}{.}7$	1.96934	724.26596	15.530	16.314	–	14.316	0.173	0.090	4.354	FO
185847	$5^h42^m19\overset{s}{.}16$	$-70^\circ24'08\overset{''}{.}2$	12.21679	715.57148	16.266	17.379	–	14.541	0.173	0.107	2.292	FA
188926	$5^h42^m25\overset{s}{.}25$	$-70^\circ18'48\overset{''}{.}9$	1.71012	723.90436	15.367	15.990	–	14.401	0.173	0.181	4.413	FO
192189	$5^h42^m21\overset{s}{.}67$	$-70^\circ14'57\overset{''}{.}4$	3.44179	721.82427	15.153	15.949	–	13.921	0.173	0.489	4.523	FU
195636	$5^h42^m02\overset{s}{.}86$	$-70^\circ12'49\overset{''}{.}9$	2.00695	723.09461	15.320	16.017	–	14.242	0.173	0.156	4.755	FO
195674	$5^h42^m41\overset{s}{.}16$	$-70^\circ12'02\overset{''}{.}4$	2.05107	724.61479	15.391	–	–	–	0.173	0.159	4.834	FO
199069	$5^h42^m32\overset{s}{.}39$	$-70^\circ07'09\overset{''}{.}4$	2.31448	723.67123	15.270	16.118	–	13.956	0.170	0.107	4.746	FO
202349	$5^h42^m33\overset{s}{.}80$	$-70^\circ06'58\overset{''}{.}0$	2.43254	722.96666	15.107	15.866	–	13.932	0.170	0.089	4.860	FO
202358	$5^h42^m04\overset{s}{.}37$	$-70^\circ06'09\overset{''}{.}5$	1.92569	723.39668	15.566	16.396	–	14.279	0.170	0.160	4.406	FO
202364	$5^h42^m38\overset{s}{.}73$	$-70^\circ05'34\overset{''}{.}1$	2.03598	723.63772	15.575	16.584	–	14.013	0.170	0.143	4.557	BR
202523	$5^h42^m16\overset{s}{.}04$	$-70^\circ05'40\overset{''}{.}5$	0.49566	724.89854	17.444	18.174	–	16.314	0.170	0.000	–	FO
202564	$5^h42^m30\overset{s}{.}71$	$-70^\circ04'38\overset{''}{.}0$	0.41572	724.92719	17.279	17.891	–	16.329	0.170	0.157	5.093	BR
208875	$5^h42^m29\overset{s}{.}60$	$-69^\circ57'57\overset{''}{.}8$	3.92969	724.83123	14.711	15.594	–	13.345	0.170	0.110	3.598	FO
208907	$5^h42^m17\overset{s}{.}40$	$-69^\circ59'43\overset{''}{.}4$	2.01028	723.28756	15.889	16.638	–	14.729	0.170	0.440	4.310	FU

T a b l e 3

Continued

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
				LMC_SC19								
16	$5^h42^m30\overset{s}{.}88$	$-71^\circ00'00\overset{''}{.}8$	3.21492	723.70024	15.475	16.423	–	14.008	0.153	0.466	4.544	FU
6327	$5^h42^m49\overset{s}{.}75$	$-70^\circ54'40\overset{''}{.}5$	2.67446	722.61129	15.795	16.660	–	14.454	0.153	0.405	4.535	FU
12507	$5^h42^m49\overset{s}{.}87$	$-70^\circ48'05\overset{''}{.}7$	1.26683	724.70172	16.149	16.837	–	15.084	0.153	0.194	4.593	FO
15582	$5^h42^m50\overset{s}{.}06$	$-70^\circ42'36\overset{''}{.}7$	1.62404	724.70440	16.127	16.841	–	15.021	0.153	0.442	4.198	FU
18756	$5^h42^m52\overset{s}{.}95$	$-70^\circ40'11\overset{''}{.}9$	3.48887	723.30457	15.262	16.072	–	14.007	0.153	0.411	4.559	FU
18878	$5^h42^m25\overset{s}{.}37$	$-70^\circ38'45\overset{''}{.}3$	0.90958	724.59585	16.682	17.547	–	15.341	0.153	0.206	3.659	FO
25797	$5^h42^m56\overset{s}{.}54$	$-70^\circ31'52\overset{''}{.}1$	1.26352	724.01909	16.342	17.180	–	15.043	0.187	0.168	4.413	FO
28796	$5^h42^m43\overset{s}{.}60$	$-70^\circ29'41\overset{''}{.}9$	2.39931	723.84475	15.740	16.546	–	14.491	0.187	0.455	4.422	FU
38257	$5^h42^m25\overset{s}{.}26$	$-70^\circ18'48\overset{''}{.}9$	1.71004	723.89407	15.331	–	–	–	0.167	0.259	4.316	FO
44947	$5^h42^m41\overset{s}{.}17$	$-70^\circ12'02\overset{''}{.}5$	2.05117	724.54202	15.419	16.247	–	14.137	0.167	0.124	4.624	FO
48636	$5^h42^m51\overset{s}{.}20$	$-70^\circ08'12\overset{''}{.}3$	13.65871	712.91528	13.449	14.394	–	11.986	0.167	0.106	4.905	FU
48659	$5^h42^m32\overset{s}{.}39$	$-70^\circ07'09\overset{''}{.}5$	2.31482	723.63894	15.267	16.110	–	13.961	0.167	0.095	4.884	FO
48661	$5^h42^m49\overset{s}{.}66$	$-70^\circ07'00\overset{''}{.}2$	4.17911	722.78942	15.245	16.212	–	13.747	0.167	0.456	4.696	FU
48662	$5^h42^m33\overset{s}{.}80$	$-70^\circ06'58\overset{''}{.}2$	2.43269	722.91850	15.103	15.867	–	13.921	0.167	0.093	4.569	FO
52167	$5^h43^m13\overset{s}{.}44$	$-71^\circ02'22\overset{''}{.}4$	2.67366	722.79231	15.692	16.520	–	14.410	0.153	0.458	4.490	FU
74265	$5^h43^m11\overset{s}{.}15$	$-70^\circ35'05\overset{''}{.}4$	2.36492	723.57121	15.252	16.019	–	14.063	0.154	0.052	5.593	FO
74281	$5^h43^m37\overset{s}{.}52$	$-70^\circ38'05\overset{''}{.}2$	7.21181	724.04791	16.187	16.990	–	14.942	0.153	0.000	–	FA
77859	$5^h43^m38\overset{s}{.}03$	$-70^\circ34'13\overset{''}{.}0$	3.61971	722.02986	15.262	16.087	–	13.985	0.187	0.424	4.605	FU
81235	$5^h43^m33\overset{s}{.}89$	$-70^\circ30'45\overset{''}{.}6$	3.60974	724.58983	15.357	16.239	–	13.992	0.187	0.437	4.641	FU
84197	$5^h43^m40\overset{s}{.}30$	$-70^\circ27'16\overset{''}{.}6$	2.75565	723.67178	15.064	15.874	–	13.809	0.187	0.094	4.149	FO
98950	$5^h43^m40\overset{s}{.}87$	$-70^\circ08'08\overset{''}{.}7$	4.50699	724.42103	15.025	15.987	–	13.535	0.167	0.455	4.797	FU
102550	$5^h44^m01\overset{s}{.}06$	$-71^\circ00'03\overset{''}{.}1$	2.19408	724.63606	15.244	15.981	–	14.102	0.154	0.152	4.525	FO
116755	$5^h44^m22\overset{s}{.}56$	$-70^\circ43'35\overset{''}{.}7$	3.58835	724.98079	15.158	15.860	–	14.072	0.153	0.412	4.593	FU
119756	$5^h44^m23\overset{s}{.}08$	$-70^\circ40'55\overset{''}{.}5$	3.76738	722.70598	14.810	15.671	–	13.475	0.154	0.080	4.558	FO
126014	$5^h44^m15\overset{s}{.}24$	$-70^\circ33'22\overset{''}{.}1$	2.98729	724.48211	15.473	16.242	–	14.281	0.187	0.434	4.523	FU
126027	$5^h43^m59\overset{s}{.}99$	$-70^\circ31'18\overset{''}{.}5$	3.02901	723.13663	15.439	16.216	–	14.235	0.187	0.411	4.550	FU
126211	$5^h43^m57\overset{s}{.}75$	$-70^\circ32'33\overset{''}{.}7$	12.59523	716.40997	17.706	18.824	–	15.973	0.187	0.000	–	FA
131679	$5^h44^m23\overset{s}{.}30$	$-70^\circ26'25\overset{''}{.}4$	3.20881	721.97212	14.865	15.663	–	13.628	0.187	0.081	3.115	FO
131691	$5^h43^m55\overset{s}{.}71$	$-70^\circ27'11\overset{''}{.}0$	2.75709	723.02015	15.163	16.048	–	13.794	0.187	0.094	4.091	FO
131694	$5^h43^m49\overset{s}{.}86$	$-70^\circ26'58\overset{''}{.}0$	2.01896	723.70645	15.466	16.269	–	14.221	0.187	0.148	4.542	FO
131700	$5^h44^m27\overset{s}{.}56$	$-70^\circ26'10\overset{''}{.}0$	2.35399	724.80778	15.225	15.975	–	14.063	0.187	0.130	4.590	FO
131703	$5^h43^m59\overset{s}{.}11$	$-70^\circ24'59\overset{''}{.}4$	4.79646	723.02961	14.957	15.859	–	13.560	0.187	0.419	4.713	FU
148461	$5^h44^m44\overset{s}{.}89$	$-71^\circ00'44\overset{''}{.}3$	1.47874	723.58368	15.923	16.645	–	14.805	0.153	0.151	4.525	FO
148467	$5^h44^m38\overset{s}{.}08$	$-71^\circ00'06\overset{''}{.}6$	2.85623	722.32707	15.583	16.422	–	14.283	0.153	0.433	4.486	FU
148475	$5^h44^m34\overset{s}{.}08$	$-70^\circ59'33\overset{''}{.}0$	2.97442	724.16899	15.454	16.233	–	14.247	0.153	0.429	4.450	FU
157749	$5^h44^m57\overset{s}{.}49$	$-70^\circ50'27\overset{''}{.}3$	5.20556	724.78620	13.057	14.558	–	10.732	0.153	0.000	–	BR
160748	$5^h44^m31\overset{s}{.}98$	$-70^\circ47'47\overset{''}{.}7$	3.48913	721.93558	15.341	16.201	–	14.010	0.153	0.391	4.647	FU
163667	$5^h45^m00\overset{s}{.}25$	$-70^\circ44'41\overset{''}{.}3$	2.04356	722.96731	15.343	16.080	–	14.201	0.154	0.104	4.889	FO
166717	$5^h44^m36\overset{s}{.}50$	$-70^\circ39'05\overset{''}{.}6$	3.93442	723.64049	15.100	15.933	–	13.808	0.153	0.417	4.571	FU
169753	$5^h44^m38\overset{s}{.}32$	$-70^\circ37'36\overset{''}{.}7$	3.05942	724.32033	15.486	16.339	–	14.165	0.153	0.346	4.514	FU
175567	$5^h45^m01\overset{s}{.}49$	$-70^\circ29'13\overset{''}{.}8$	3.55043	724.07644	15.248	16.094	–	13.937	0.187	0.452	4.623	FU
178247	$5^h45^m04\overset{s}{.}12$	$-70^\circ27'02\overset{''}{.}5$	3.53715	723.73179	15.216	16.057	–	13.913	0.187	0.424	4.585	FU
180954	$5^h44^m50\overset{s}{.}58$	$-70^\circ22'29\overset{''}{.}8$	2.00559	723.65706	15.882	16.637	–	14.713	0.187	0.485	4.230	FU
				LMC_SC20								
7041	$5^h44^m55\overset{s}{.}90$	$-71^\circ04'42\overset{''}{.}2$	14.53494	719.24529	17.344	18.465	–	15.607	0.132	0.416	5.062	FA
21111	$5^h44^m57\overset{s}{.}49$	$-70^\circ50'27\overset{''}{.}2$	5.20797	724.99668	13.047	14.539	–	10.736	0.137	0.214	5.331	BR
21116	$5^h45^m21\overset{s}{.}13$	$-70^\circ49'06\overset{''}{.}9$	3.51355	723.05029	14.609	15.359	–	13.447	0.137	0.141	3.725	FO
24962	$5^h45^m16\overset{s}{.}41$	$-70^\circ46'35\overset{''}{.}5$	2.38535	723.51197	15.605	16.314	–	14.506	0.137	0.456	4.351	FU
25262	$5^h45^m19\overset{s}{.}44$	$-70^\circ45'41\overset{''}{.}4$	30.02498	698.97148	17.319	18.405	–	15.636	0.137	0.383	5.392	FA
28803	$5^h45^m00\overset{s}{.}25$	$-70^\circ44'41\overset{''}{.}2$	2.04381	724.87012	15.339	16.084	–	14.185	0.142	0.107	4.841	FO
36542	$5^h45^m31\overset{s}{.}11$	$-70^\circ37'11\overset{''}{.}0$	46.34904	705.33728	17.879	19.087	–	16.007	0.142	0.308	4.618	FA
43620	$5^h45^m01\overset{s}{.}49$	$-70^\circ29'13\overset{''}{.}9$	3.55043	724.05562	15.246	16.100	–	13.924	0.163	0.444	4.607	FU
47209	$5^h45^m04\overset{s}{.}11$	$-70^\circ27'02\overset{''}{.}6$	3.53734	723.74010	15.222	16.057	–	13.928	0.163	0.435	4.647	FU
47210	$5^h45^m28\overset{s}{.}63$	$-70^\circ27'01\overset{''}{.}4$	4.59436	720.52768	14.929	15.736	–	13.678	0.163	0.438	4.804	FU
47306	$5^h45^m27\overset{s}{.}61$	$-70^\circ25'24\overset{''}{.}8$	1.03481	724.98965	16.841	17.495	–	15.828	0.163	0.419	3.857	FU
54206	$5^h45^m36\overset{s}{.}00$	$-70^\circ17'30\overset{''}{.}4$	35.61014	718.68834	17.786	18.890	–	16.076	0.163	0.404	3.535	FA
54381	$5^h45^m26\overset{s}{.}58$	$-70^\circ19'07\overset{''}{.}3$	1.80051	723.29485	18.406	19.029	–	17.440	0.163	0.000	–	FA
57223	$5^h46^m02\overset{s}{.}31$	$-71^\circ11'30\overset{''}{.}2$	1.09503	724.41328	16.375	17.006	–	15.399	0.132	0.231	4.577	FO
66535	$5^h46^m10\overset{s}{.}84$	$-71^\circ00'06\overset{''}{.}5$	2.43338	724.41473	15.808	16.620	–	14.550	0.132	0.405	4.317	FU
72637	$5^h45^m55\overset{s}{.}32$	$-70^\circ54'24\overset{''}{.}0$	3.42537	723.73588	15.168	15.933	–	13.984	0.137	0.486	4.466	FU
76255	$5^h45^m35\overset{s}{.}66$	$-70^\circ48'46\overset{''}{.}8$	29.04645	710.87258	17.694	18.904	–	15.819	0.137	0.201	3.379	FA
79685	$5^h46^m00\overset{s}{.}12$	$-70^\circ47'07\overset{''}{.}9$	3.03797	724.63822	15.473	16.232	–	14.298	0.137	0.442	4.580	FU
83423	$5^h45^m35\overset{s}{.}40$	$-70^\circ42'29\overset{''}{.}9$	2.06800	723.46256	15.351	16.080	–	14.223	0.142	0.107	4.528	FO
83474	$5^h46^m14\overset{s}{.}42$	$-70^\circ41'19\overset{''}{.}3$	3.01782	724.99383	15.430	16.204	–	14.231	0.142	0.409	4.467	FU
90847	$5^h45^m54\overset{s}{.}77$	$-70^\circ35'44\overset{''}{.}5$	3.16965	722.82018	15.696	16.675	–	14.181	0.142	0.410	4.568	FU
94148	$5^h45^m40\overset{s}{.}88$	$-70^\circ31'50\overset{''}{.}6$	3.47793	723.25634	15.347	16.169	–	14.074	0.142	0.338	4.655	FU
100652	$5^h45^m55\overset{s}{.}48$	$-70^\circ26'54\overset{''}{.}1$	2.71579	725.00020	14.990	15.733	–	13.839	0.163	0.094	4.254	FO
100660	$5^h45^m42\overset{s}{.}17$	$-70^\circ25'03\overset{''}{.}4$	5.07960	720.06535	15.011	16.003	–	13.474	0.163	0.266	4.724	FU

T a b l e 3

Concluded

Star number	RA (J2000)	DEC (J2000)	P [days]	$T_0-2450000$ [HJD]	I [mag]	V [mag]	B [mag]	W_I [mag]	$E(B-V)$ [mag]	R_{21}	ϕ_{21}	Type
100695	$5^h45^m45\overset{s}{.}27$	$-70^\circ24'29\overset{''}{.}6$	1.76087	724.13244	15.526	16.137	–	14.578	0.163	0.155	4.570	FO
112701	$5^h46^m18\overset{s}{.}13$	$-71^\circ09'20\overset{''}{.}1$	4.72830	723.63226	14.858	15.681	–	13.584	0.132	0.435	4.759	FU
112788	$5^h46^m24\overset{s}{.}40$	$-71^\circ06'36\overset{''}{.}0$	0.73776	724.72918	16.684	17.275	–	15.768	0.132	0.162	3.499	FO
112813	$5^h46^m31\overset{s}{.}25$	$-71^\circ09'13\overset{''}{.}6$	21.30353	710.65420	17.820	19.020	–	15.963	0.132	0.173	3.436	FA
124519	$5^h46^m30\overset{s}{.}92$	$-70^\circ55'25\overset{''}{.}3$	3.02708	723.09616	15.500	16.313	–	14.240	0.137	0.369	4.535	FU
124728	$5^h46^m59\overset{s}{.}88$	$-70^\circ52'58\overset{''}{.}1$	8.31497	722.53163	17.645	18.723	–	15.976	0.137	0.000	–	FA
131129	$5^h46^m52\overset{s}{.}38$	$-70^\circ46'45\overset{''}{.}1$	3.17583	724.10382	15.429	16.202	–	14.231	0.137	0.416	4.590	FU
134707	$5^h46^m36\overset{s}{.}92$	$-70^\circ44'01\overset{''}{.}1$	3.09453	723.67685	15.410	16.169	–	14.235	0.142	0.488	4.570	FU
134749	$5^h46^m37\overset{s}{.}35$	$-70^\circ42'05\overset{''}{.}9$	2.76601	722.34608	15.614	16.377	–	14.433	0.142	0.326	4.461	FU
138318	$5^h46^m28\overset{s}{.}22$	$-70^\circ38'10\overset{''}{.}8$	3.39907	723.99312	15.397	16.244	–	14.085	0.142	0.301	4.630	FU
145017	$5^h46^m46\overset{s}{.}41$	$-70^\circ30'46\overset{''}{.}7$	2.66457	724.82090	15.541	16.352	–	14.284	0.142	0.404	4.390	FU
154412	$5^h46^m22\overset{s}{.}08$	$-70^\circ21'09\overset{''}{.}1$	0.56424	724.70430	17.139	17.753	–	16.186	0.163	0.182	2.891	FO
168673	$5^h47^m22\overset{s}{.}74$	$-71^\circ01'52\overset{''}{.}7$	14.06586	720.52986	17.144	18.337	–	15.297	0.132	0.000	–	FA
178085	$5^h47^m35\overset{s}{.}31$	$-70^\circ51'28\overset{''}{.}1$	1.61565	724.29484	16.078	16.802	–	14.957	0.137	0.425	4.245	FU
181368	$5^h47^m00\overset{s}{.}88$	$-70^\circ46'20\overset{''}{.}3$	2.70736	724.89169	15.624	16.427	–	14.379	0.137	0.375	4.447	FU
181383	$5^h47^m24\overset{s}{.}64$	$-70^\circ45'34\overset{''}{.}1$	2.81232	724.82930	15.535	16.360	–	14.258	0.137	0.407	4.563	FU
184865	$5^h47^m25\overset{s}{.}30$	$-70^\circ42'22\overset{''}{.}5$	2.79889	723.23873	15.553	16.362	–	14.299	0.142	0.325	4.519	FU
188521	$5^h47^m15\overset{s}{.}82$	$-70^\circ39'17\overset{''}{.}6$	4.80040	723.83774	14.739	15.594	–	13.415	0.142	0.450	4.703	FU
188532	$5^h47^m29\overset{s}{.}13$	$-70^\circ40'45\overset{''}{.}4$	3.21074	724.38396	15.398	16.270	–	14.046	0.142	0.390	4.536	FU
188538	$5^h47^m32\overset{s}{.}91$	$-70^\circ40'30\overset{''}{.}3$	3.21257	724.99259	15.407	16.269	–	14.070	0.142	0.296	4.531	FU
188572	$5^h47^m12\overset{s}{.}66$	$-70^\circ41'13\overset{''}{.}1$	1.01545	724.14136	16.330	17.048	–	15.218	0.142	0.243	4.159	FO
195480	$5^h47^m36\overset{s}{.}52$	$-70^\circ33'10\overset{''}{.}8$	4.95824	720.76806	14.839	15.731	–	13.459	0.142	0.417	4.885	FU
195516	$5^h47^m34\overset{s}{.}85$	$-70^\circ31'14\overset{''}{.}8$	2.47200	724.77596	15.867	16.723	–	14.542	0.142	0.245	4.611	FU
204380	$5^h47^m29\overset{s}{.}10$	$-70^\circ22'52\overset{''}{.}2$	4.42492	723.56938	15.015	15.978	–	13.523	0.163	0.414	4.536	FU
207127	$5^h47^m17\overset{s}{.}15$	$-70^\circ18'57\overset{''}{.}4$	3.88423	724.40335	14.452	15.208	–	13.282	0.163	0.182	3.911	FO
				LMC_SC21								
5060	$5^h20^m01\overset{s}{.}68$	$-70^\circ51'06\overset{''}{.}8$	4.07914	724.85745	14.915	15.635	–	13.800	0.133	0.431	4.686	FU
9474	$5^h20^m30\overset{s}{.}67$	$-70^\circ45'28\overset{''}{.}9$	2.59786	723.12172	14.835	15.482	–	13.833	0.152	0.088	4.857	FO
11980	$5^h20^m18\overset{s}{.}64$	$-70^\circ43'24\overset{''}{.}2$	4.93633	722.75470	14.882	15.708	–	13.603	0.152	0.287	4.696	FU
17232	$5^h20^m17\overset{s}{.}82$	$-70^\circ34'08\overset{''}{.}8$	16.43684	721.44854	15.890	17.149	–	13.941	0.152	0.185	1.404	FA
20321	$5^h20^m12\overset{s}{.}25$	$-70^\circ30'16\overset{''}{.}0$	36.33470	707.39516	17.977	19.254	–	15.999	0.145	0.309	4.754	FA
40876	$5^h20^m25\overset{s}{.}11$	$-70^\circ11'08\overset{''}{.}7$	4.98270	723.62189	14.419	14.723	–	13.947	0.146	0.243	4.984	FA
40943	$5^h20^m10\overset{s}{.}34$	$-70^\circ09'07\overset{''}{.}1$	1.80312	724.92207	15.385	16.054	–	14.350	0.146	0.212	4.343	FO
41203	$5^h20^m25\overset{s}{.}16$	$-70^\circ10'23\overset{''}{.}9$	55.60696	670.16397	18.033	19.216	–	16.201	0.146	0.000	–	FA
45359	$5^h20^m14\overset{s}{.}17$	$-70^\circ06'26\overset{''}{.}5$	3.94705	723.64544	15.085	15.861	–	13.883	0.146	0.388	4.704	FU
57181	$5^h20^m34\overset{s}{.}39$	$-70^\circ49'13\overset{''}{.}6$	42.38588	705.26333	17.849	19.024	–	16.029	0.133	0.375	5.064	FA
66641	$5^h21^m13\overset{s}{.}34$	$-70^\circ34'20\overset{''}{.}9$	0.96057	724.69942	17.435	18.096	–	16.412	0.152	0.411	4.385	FA
69135	$5^h20^m46\overset{s}{.}88$	$-70^\circ31'07\overset{''}{.}1$	3.58397	723.61256	15.185	15.913	–	14.058	0.145	0.409	4.636	FU
85282	$5^h20^m42\overset{s}{.}55$	$-70^\circ15'25\overset{''}{.}9$	3.37230	723.43026	14.654	15.346	–	13.583	0.146	0.119	3.558	FO
85343	$5^h20^m54\overset{s}{.}25$	$-70^\circ12'22\overset{''}{.}3$	1.69454	724.05027	15.465	16.072	–	14.525	0.146	0.199	4.390	FO
88984	$5^h20^m42\overset{s}{.}48$	$-70^\circ09'50\overset{''}{.}1$	2.98746	723.68497	15.379	16.145	–	14.194	0.146	0.398	4.409	FU
102460	$5^h21^m33\overset{s}{.}76$	$-70^\circ52'00\overset{''}{.}5$	33.89973	723.00939	18.032	19.165	–	16.279	0.133	0.221	4.771	FA
106503	$5^h21^m51\overset{s}{.}85$	$-70^\circ46'00\overset{''}{.}4$	2.53554	724.72175	15.281	15.965	–	14.222	0.152	0.136	3.848	FO
116226	$5^h21^m48\overset{s}{.}39$	$-70^\circ30'26\overset{''}{.}1$	2.57923	723.54854	15.457	16.123	–	14.427	0.145	0.484	4.270	FU
116626	$5^h21^m55\overset{s}{.}09$	$-70^\circ32'12\overset{''}{.}3$	48.23021	721.05828	18.315	19.400	–	16.633	0.145	0.000	–	FA
119037	$5^h21^m14\overset{s}{.}46$	$-70^\circ29'39\overset{''}{.}7$	0.87815	724.89687	17.630	18.205	–	16.740	0.145	0.372	4.299	FA
132285	$5^h21^m35\overset{s}{.}39$	$-70^\circ13'25\overset{''}{.}8$	12.85649	723.29993	16.045	17.063	–	14.467	0.146	0.161	1.703	FA
136142	$5^h21^m16\overset{s}{.}56$	$-70^\circ11'25\overset{''}{.}3$	4.49776	722.11258	14.951	15.848	–	13.562	0.146	0.363	4.756	FU
136150	$5^h21^m22\overset{s}{.}53$	$-70^\circ10'31\overset{''}{.}8$	2.66808	722.65009	14.915	15.619	–	13.824	0.146	0.089	4.768	FO
136158	$5^h21^m26\overset{s}{.}96$	$-70^\circ08'38\overset{''}{.}8$	3.77337	723.04702	14.594	15.380	–	13.377	0.146	0.126	3.746	FO
140391	$5^h21^m49\overset{s}{.}73$	$-70^\circ05'46\overset{''}{.}1$	2.88300	723.20322	15.574	16.354	–	14.366	0.146	0.473	4.511	FU
159587	$5^h22^m12\overset{s}{.}39$	$-70^\circ40'10\overset{''}{.}0$	2.33096	724.95984	15.045	15.672	–	14.075	0.152	0.139	4.958	FO
165209	$5^h22^m10\overset{s}{.}67$	$-70^\circ33'15\overset{''}{.}2$	2.99990	722.88270	15.459	16.213	–	14.291	0.145	0.410	4.450	FU
171399	$5^h22^m00\overset{s}{.}45$	$-70^\circ26'13\overset{''}{.}2$	1.01808	724.94554	16.422	17.089	–	15.390	0.145	0.156	4.131	FO
175051	$5^h22^m26\overset{s}{.}57$	$-70^\circ21'45\overset{''}{.}7$	0.71133	724.63574	16.816	17.512	–	15.739	0.145	0.184	3.150	FO
179043	$5^h21^m56\overset{s}{.}03$	$-70^\circ15'41\overset{''}{.}3$	1.07069	724.67372	16.334	17.038	–	15.243	0.146	0.176	4.083	FO
179219	$5^h22^m28\overset{s}{.}08$	$-70^\circ17'04\overset{''}{.}8$	15.12950	722.17154	17.837	18.826	–	16.304	0.146	0.000	–	FA
179265	$5^h21^m58\overset{s}{.}43$	$-70^\circ16'35\overset{''}{.}2$	1.48928	723.54999	17.626	18.202	–	16.735	0.146	0.417	4.248	FA
187786	$5^h22^m28\overset{s}{.}92$	$-70^\circ09'23\overset{''}{.}2$	3.85993	723.67241	15.066	15.929	–	13.728	0.146	0.498	4.652	FU
187788	$5^h22^m30\overset{s}{.}37$	$-70^\circ09'21\overset{''}{.}7$	2.81419	722.79915	15.081	15.636	–	14.220	0.146	0.484	4.454	FU
187792	$5^h22^m29\overset{s}{.}35$	$-70^\circ09'17\overset{''}{.}0$	4.52988	724.83766	14.927	15.797	–	13.578	0.146	0.437	4.941	FU
187797	$5^h22^m30\overset{s}{.}05$	$-70^\circ08'59\overset{''}{.}4$	2.97310	723.45071	15.488	16.460	–	13.983	0.146	0.461	4.593	FU
187818	$5^h22^m29\overset{s}{.}55$	$-70^\circ10'22\overset{''}{.}3$	3.07040	723.32121	15.352	16.161	–	14.098	0.146	0.465	4.531	FU
187840	$5^h22^m29\overset{s}{.}09$	$-70^\circ09'35\overset{''}{.}5$	2.01501	724.55164	15.339	16.050	–	14.237	0.146	0.111	4.723	FO
187842	$5^h22^m14\overset{s}{.}80$	$-70^\circ09'29\overset{''}{.}5$	2.87912	723.97911	15.582	16.431	–	14.267	0.146	0.425	4.470	FU
187849	$5^h22^m30\overset{s}{.}38$	$-70^\circ09'17\overset{''}{.}3$	3.28019	724.58073	15.261	16.187	–	13.826	0.146	0.474	4.611	FU
187853	$5^h22^m30\overset{s}{.}26$	$-70^\circ09'13\overset{''}{.}8$	3.35487	724.73951	15.598	16.604	–	14.040	0.146	0.447	4.620	FU
187856	$5^h22^m29\overset{s}{.}04$	$-70^\circ09'10\overset{''}{.}2$	3.16725	723.96832	15.201	16.067	–	13.858	0.146	0.498	4.461	FU
193117	$5^h22^m27\overset{s}{.}03$	$-70^\circ05'14\overset{''}{.}2$	2.71915	723.75278	15.577	16.416	–	14.277	0.146	0.414	4.518	FU